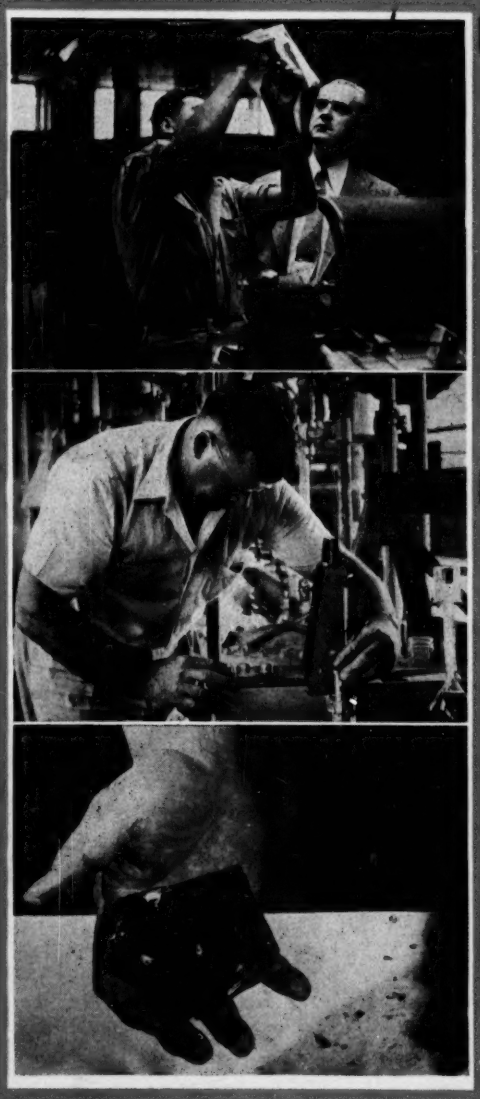
Chemical Week

September 19, 1953

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IN TWO PARTS • PART ONE



Markets-finder Whitehill: "You can't launch a new product in an eight-hour day" . . . . . p. 22

Should you start with acetylene or ethylene? New petrochemical plant may hold answer . . . p. 44

CW Camera tours new ag-chem lab, sees researchers evaluate potential herbicide . . . . . p. 56

Foam is low but sales are high: that's the story of detergents for automatic washers . . . p. 65

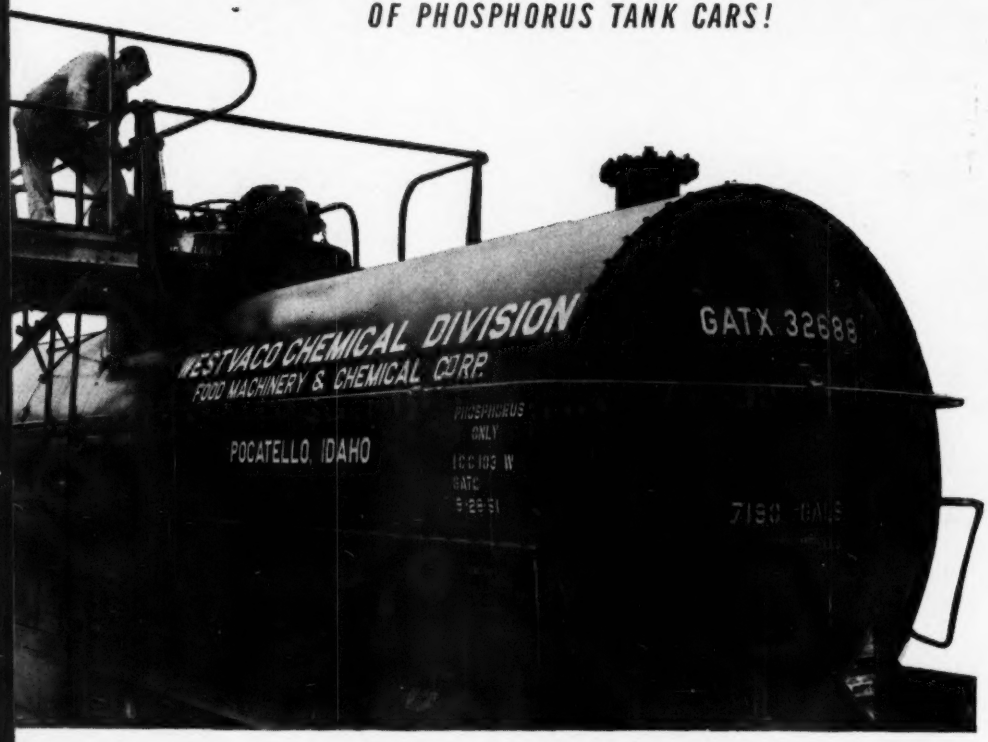
Epoxy resins: look for a four-fold boost in output within three years . . . . . p. 81

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Chemical Week

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NINOLS are available for emulsifying materials ranging from *microcrystalline wax* and *essential oil* to *synthetic rubber* and *plasticizers.* Certain types are especially effective in forming water-in-oil emulsions.

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Some interesting NON-SURFACTANT *uses of the NINOLS are as: plasticizers and anti-static agents for plastics; finishing agents for synthetic fibers; lubricants for chain belts; anti-gelling agents for liquid starch; opacifiers for cosmetics.*

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OPINION . . . . .

What's Ahead for Business?

How's business? How do you think business will hold up next year? Those are the two questions executives are asking one another right now—and that, in itself, is neither unusual nor unnatural since the fourth quarter of every year is always an open season for predictors.

But this year, perhaps more than previously, a good many of the opinions are tinged with apprehension. Some business seers are, indeed, downright pessimistic. Their comments are solidly dismal and they hasten to summon all sorts of "reasons" to support their contentions: the armistice in Korea, farm income is slipping, automobiles are now easy to get, the steel industry is overbuilt. Their conclusion: business has just been too good for too long and "the bottom is bound to fall out."

It's been our observation, however, that regardless of how positively these gloom-peddlers make their assertions, most of them have picked up one stray incident—e.g., the dip in farm income or the lush trade-in a friend got on a new car—and they've ballooned its significance to ridiculous proportions. It's usually a case of deciding first that business will be poor and then uncovering a "fact" to bolster the argument. Seldom if ever do the melancholiacs bother to take a look at the rounded picture, to size up what really portends.

But that's what they should do—what we all should do. It is time, it seems to us, for us to calmly and soberly appraise the factors underlying business activity and to try, as well as we can, to determine what's ahead.

As every businessman knows, there are three top-importance factors that underlie business activity:

- Capital expenditures.
- Defense expenditures.
- Civilian expenditures.

Here's where they stand today and where our economists think they will be by mid-1954:

Capital expenditures—or gross private domestic investment (including housing)—is now running at a rate of $52 billion/year. By mid-1954 it will probably dip to a rate of about $47 billion.

Defense expenditures are running at about $53.5 billion; by mid-year they will taper to some $50 billion. Both are declines but not sharp ones, percentagewise. Certainly they aren't in the "bottom-will-fall-out-of-business" category. In fact, should civilian spending remain near its present level, these cuts in expenditures would push the Federal Reserve Board's index down from its current (August) 238 level to about 215. And, incidentally, 1951 and 1952—far from being "bad" years—averaged 220.

Those two factors are easily predictable. The third (and a vital) key, civilian expenditures, isn't. Not that it isn't simple to tot up consumer savings to determine just how much money is available. But to predetermine what consumer psychology will be is something else again.

Perhaps you recall what happened early last year. Millions of people held off buying and put their money in the bank. That, at the time, was not a completely unhappy circumstance; it withheld some fuel from the fire of inflation. But, under other circumstances, it could wreak havoc. And that sort of havoc is what the gloomsters are inciting and inviting.

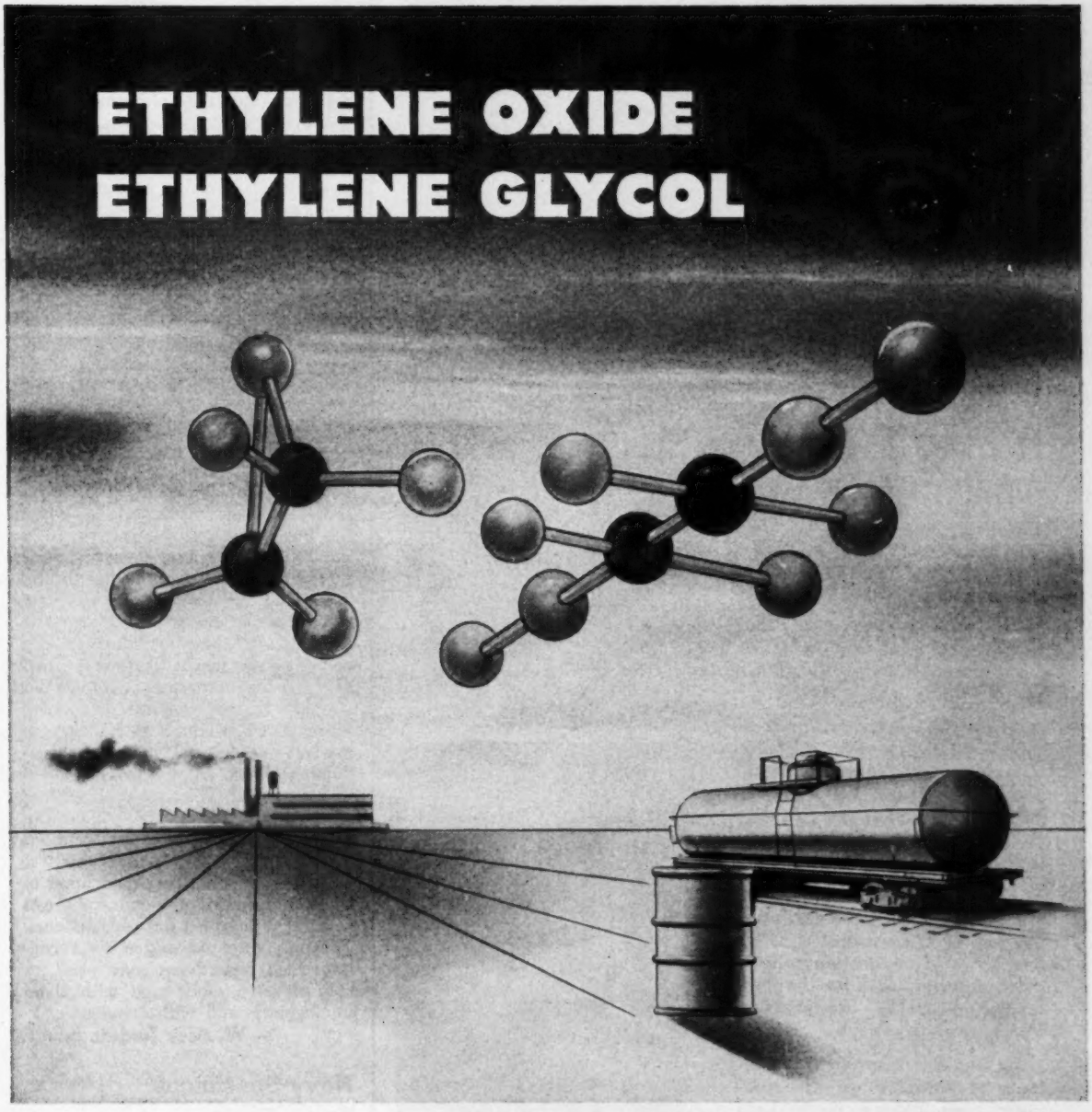
Economists have a neat term to describe this governed-by-consumer-psychology area of our vulnerability: optional consumption. The most stable society, they point out, is the most primitive one. Men plant seed, dig the potatoes as they mature, and eat them on the spot. In any economy in which people must scrabble and scrounge in the earth for those things they must have, there is no gap between supply and demand.

However, as a country grows richer, the supply-demand gap widens. Necessity is no longer the prime pressure. You may like a new automobile—but you don't need one; you may take a fancy to a couple of new suits—but you're warm enough as it is. There are, in fact, plenty of things you can get along quite well without—and without experiencing serious inconvenience. Today, with our economy as mature as it is, an estimated 30 to 40% of our national income can fall in this "optional consumption" bracket.

Obviously then, prosperity, or the degree of the recession we will experience, can be governed to an important extent by the drive that consumer industries put behind their selling efforts; but these efforts can be negated to a considerable measure by those who thoughtlessly purvey pessimism. They can warp the consumer mind, fill him with fears, throttle a substantial segment of business.

We—principally suppliers of raw materials to other industries—can do

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OPINION . . . . . .

little to help them in selling their products. But as individuals, we can, at least, refrain from mouthing, unthinkingly, dire tales of business woes.

We are not, of course, advocating blind optimism. Rose-colored glasses should have no part in business or personal planning. It is time, in our opinion, for all of us to look at things realistically, to appraise the good and the promising and to scrutinize the perils and the problems that loom.

We will admit to some real concern about some of the expansions that have taken place in some of the more circumscribed industries. There is no gainsaying, either, that some chemical companies have plunged into segments of the business in which they have no basic position and no logical sales entree. Their trials will generate some disturbing news. However, there were dislocations when the business curve was on the way up; there's no reason to expect that there won't be others in the future.

But on the whole, we aren't concerned about the prospects for the chemical and process industries—and certainly not in the least concerned over the long-term outlook. Our great strength is that we are developing hosts of new products to exploit new markets—agricultural chemicals, medicinals, fibers, etc.

Nonetheless, there are problems we are going to have to face—without becoming panicky; there are cautions we shall have to observe, there is judgment we shall be called upon to exert. But few if any industries can look for a brighter future than ours. The only essential is that we recognize such hazards as may exist, or may develop, and cope with them intelligently—and with conviction.

—**W. Alec Jordan,** *Editor.*

Navy Specimens

TO THE EDITOR: . . . I am sorry to see that you overlooked a very important and significant piece of research in the brief picture-text item "Tissue in Technicolor".

. . . Although this item described the method of preserving biological specimens by imbedding them in acrylic plastics . . . it overlooked the significance of the specimens themselves. These were prepared in acrylic plastic as representative of successful bone grafts from the U. S. Naval Medical School's bone bank at Bethesda, Md., which had been prepared by freeze-drying. . . . They represent a considerable triumph for Captain Enyart, Dr. Strong, Dr. Hyatt, Dr. Turner and Dr. Bassett at Bethesda . . . who have been carrying on ex-

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J. F. McCarty, president, Cold Spring Bleachery

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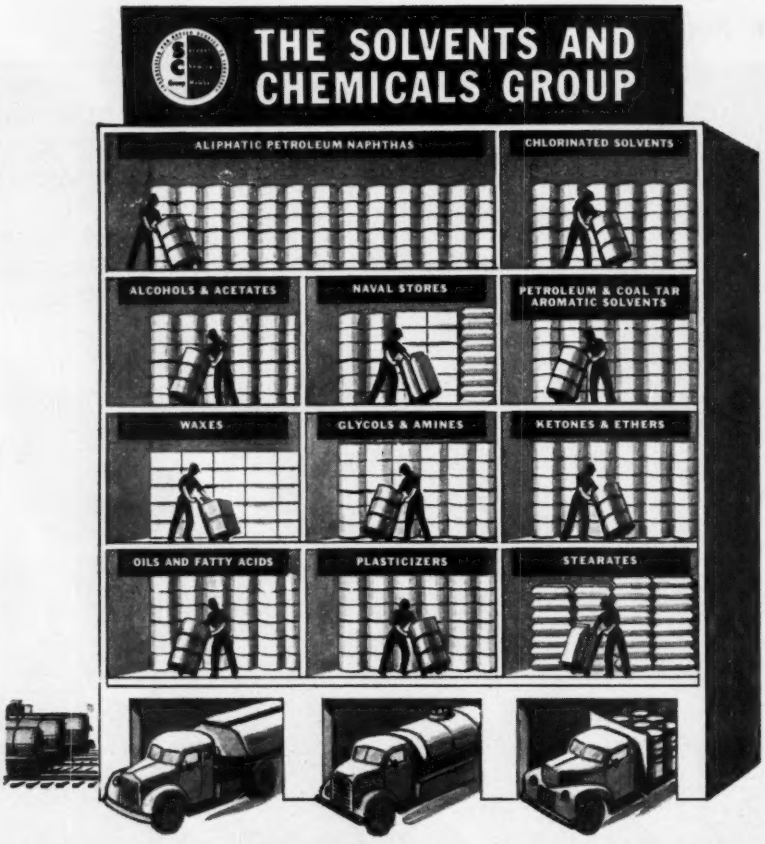
"Naturally, the Wyandotte representative is always welcome at our plant, and we're proud to say Wyandotte chemicals play an important part in the services we perform for our customers in furnishing DELA-SET and DELA-SHRUNK finishes for fabrics."

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OPINION . . . . . .

tensive research in this field.

By their now-successful techniques, human tissues such as bone, skin and blood vessels—even segments of a complete aorta—can almost indefinitely be preserved at room temperature for clinical use . . . Navy personnel from Korea are able to walk again, burn cases and those with other injuries are well again as a result of this research program . . .

We regret that you did not give some credit to the Navy group in your brief report . . .

We can bear with resignation the fact that you retouched out our nameplate from the photograph that showed the Stokes vacuum freeze-dryer the Naval Medical School uses in their work . . .

DAVID E. STOKES
Secretary
F. J. Stokes Machine Co.
Philadelphia, Pa.

Our brief note described research conducted at Bryn Mawr College; we appreciate, however, the additional data on the general subject provided by Reader Stokes.—ED.

DATES AHEAD

Drug, Chemical and Allied Trades section, New York Board of Trade, annual meeting, Pocono Manor Inn, Pocono Manor, Pa., Sept. 24-27.

Textile Chemical Manufacturers Assn., annual meeting, Claridge hotel, Atlantic City, N.J., Oct. 1-2.

Tobacco Chemists Research Conference, annual meeting, Hotel Robert E. Lee, Winston-Salem, N.C., Oct. 1-2.

American Coke and Coal Chemicals Inst., annual meeting, Greenbrier hotel, White Sulphur Springs, W.Va., Oct. 12-13.

Assn. of Official Agricultural Chemists, annual meeting, Shoreham hotel, Washington, D.C., Oct. 12-14.

Commercial Chemical Development Assn., fall meeting, Hotel Kenmore, Boston, Mass., Oct. 15.

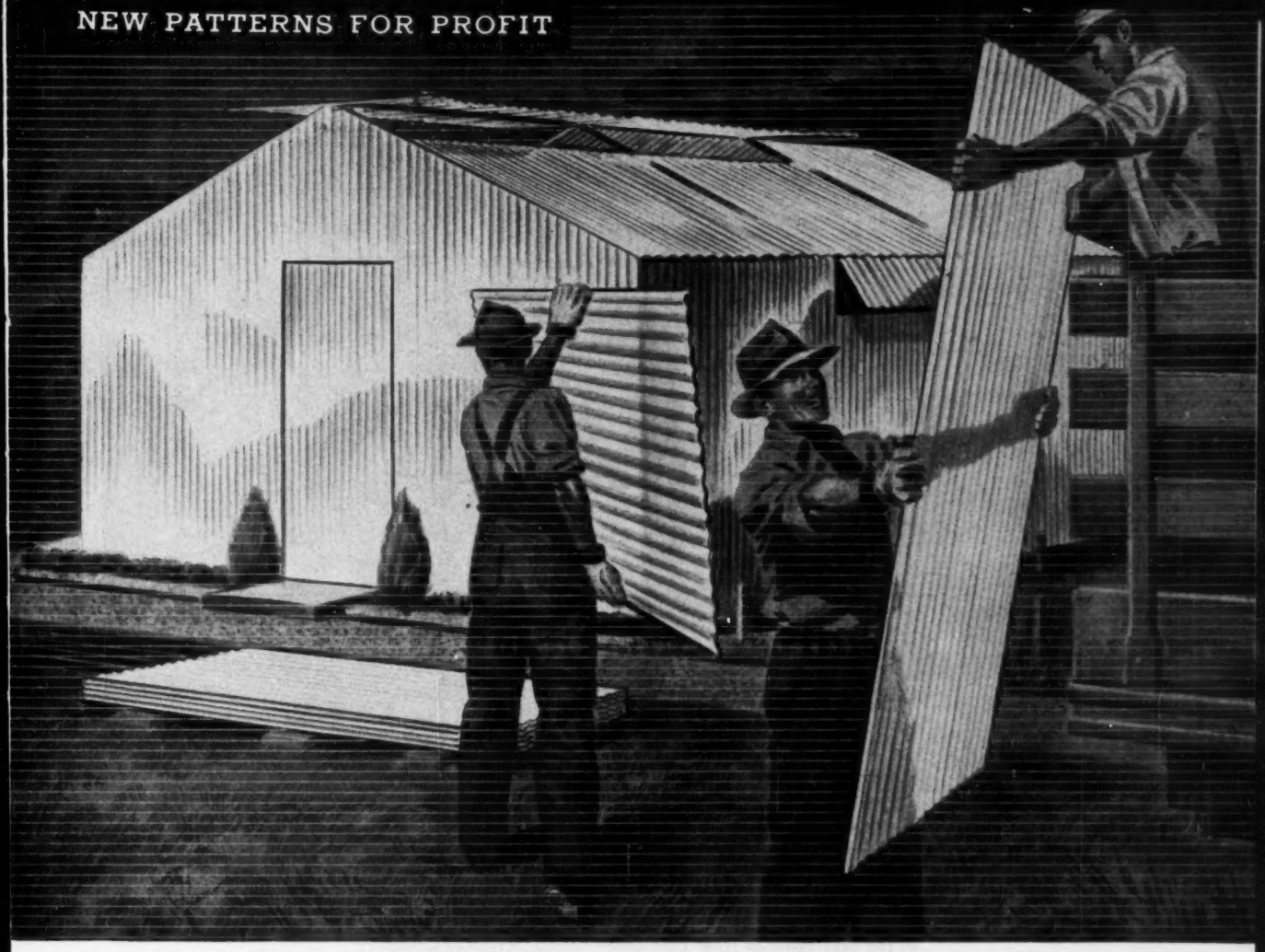
American Inst. of Chemical Engineers, South Texas Section, annual technical session, Galvez hotel, Galveston, Tex., Oct. 16.

Salesmen's Assn. of American Chemical Industry, chemical sales clinic, Commodore hotel, New York, N.Y., Oct. 19-20.

Natl. Paint, Varnish and Lacquer Assn., annual meeting, Chalfonte-Haddon Hall, Atlantic City, N.J., Oct. 26-28.

Assn. of Consulting Chemists and Chemical Engineers, annual meeting, Belmont Plaza hotel, New York, N.Y., Oct. 27.

NEW PATTERNS FOR PROFIT



Will Construction of Shatterproof Greenhouses Add New Zip to the Building Boom?

Something new is ready for an old business: shatterproof plastic panels for commercial and private greenhouses.

The "clear" translucent panels transmit 80-90% as much light as pure air. They are weather-resistant and strong . . . will support 150-175 lbs. on 24" centers. Hail or baseballs just bounce off! The panels won't rot, boring insects and termites do not attack the material. And most important, greenhouse maintenance is cut to the vanishing point.

Greenhouse operators who "pioneered" with reinforced plastic greenhouses report surprising results: Because of *diffused* light, leaf burn is controllable; shade-loving and sun-loving plants grow well side-by-side.

Builders can tap a vast undeveloped "hobby" market.

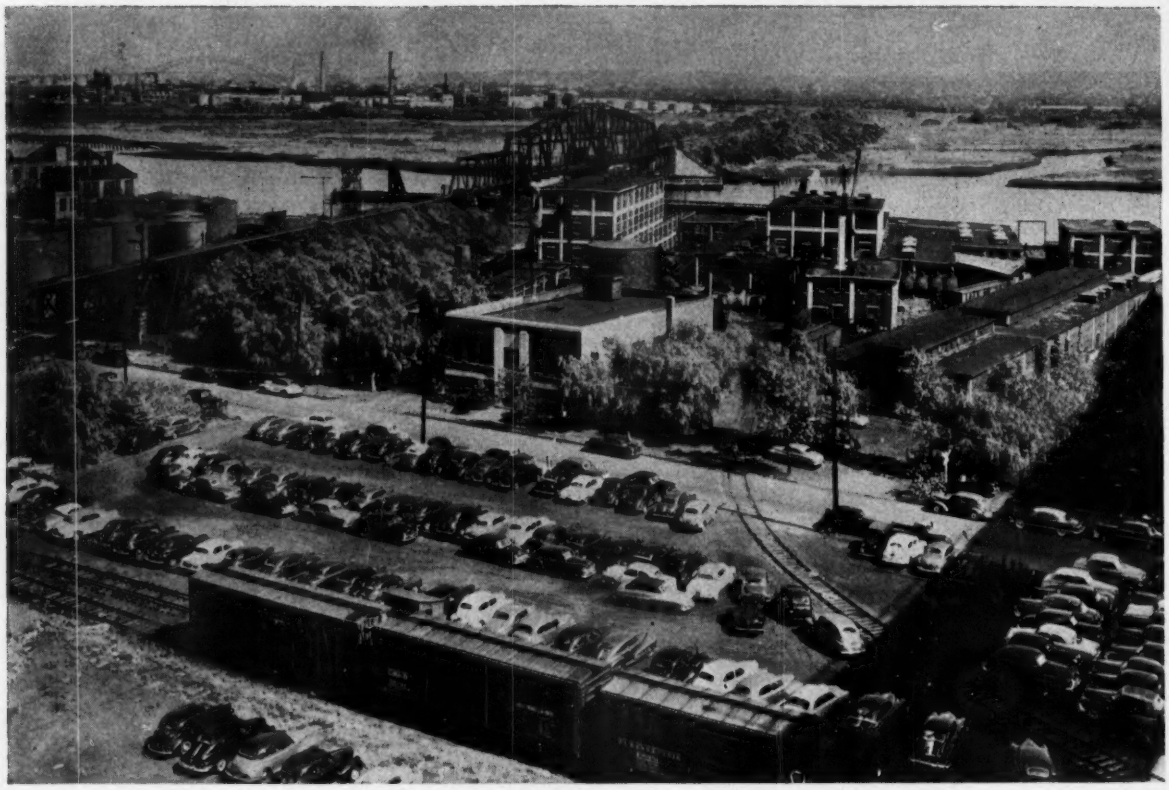
Commercial greenhouse manufacturers can capitalize on the huge replacement market among commercial growers.

If you're in the building business (or if you'd like to build a greenhouse) send 25 cents in coin or stamps for the detailed, illustrated plan of the 16' x 24' greenhouse shown in the illustration. The speed and ease of construction will give you lots of ideas on how you can use these panels, PLUS a ready-to-use greenhouse plan. Except for four 2" steel pipe corner supports in 12" concrete footings, it is entirely aluminum and reinforced plastic. The greenhouse is expandable in any direction, reduces framing at least 25%, and requires no concrete or wood sills — because the reinforced plastic panels go right into the ground.

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NEWSLETTER

A chemical market is in the making, but still up in the air is which of 13 chemicals will strike the bonanza.

Practical and economic methods of halting pollution from coal mine acid wastes are almost within reach, the Interstate Commission on the Potomac River Basin was told last week. Field tests now under way in an unused mine near Fairmont, W. Va., have confirmed laboratory results at Johns Hopkins University, where the commission's basic research was carried out. By year's end the commission hopes to know which of 13 promising chemicals will most cheaply and effectively stop acid formation.

Pilot tests in small areas (10 x 30 ft.) give promise that coal companies will be able to solve their problem by a simple spray or dusting —and savings on corrosion will more than pay the treatment cost. More surprising, it appears that the treatment will last six to eight years—maybe longer.

But there are tough problems to solve—even in treating active mines. And treating abandoned mines is still tougher.

•

The devastating fire that destroyed General Motors' transmission plant has hurried Sherwin-Williams' introduction of two new coatings that eliminate fire hazards of the type that caused GM's conflagration.

• One is a water-reducible high-gloss enamel that can be applied by dip or spray. While it is costlier than products requiring thinners, applied cost is no greater since it is thinned with water. The baked coating is as chemical-resistant, hard and adherent as conventional coatings.

• Another is a silicone-alkyd combination that is 75% more heat-resistant than nonsilicone enamels, but only half as costly as an all-silicone product. Nonyellowing at sustained temperatures over 500 F, it is expected to find use on heaters, roasters, and various industrial parts subject to high heat.

•

On the Washington scene, speculation was rife on the significance of Secretary of Labor Martin Durkin's abrupt resignation.

It's not of immediate significance to the chemical industry in particular, but his withdrawal from the Eisenhower cabinet is of long-range import to industry at large. Labor experts see a freezing, until his successor is named, of the current stalemate over Taft-Hartley amendments. And that successor, they reason, is likely to be more of a right-winger, and hence less prejudiced against the law as it now stands.

Such an appointment would foster agreement between the Administration and Congress on mild T-H amendments—like those advocated last winter by the bill's late co-author, Senator Taft. (Example: enlarging NLRB from five to seven members, thus affording more GOP representation.) Management's burden would by these changes be somewhat lightened, but the fact that a new Congress will be elected next year precludes any "get tough with labor" policy.

•

Of more immediate concern to chemical firms that engage in foreign trade is the October 8 deadline on suggestions or criticisms con-

cerning the custom simplifications bill, which the President signed on Aug. 8 and which became effective Sept. 7. Changes in customs regulations are ordinarily announced well enough in advance so that traders can present their views, but in this case time limitations made it necessary to issue new regulations without advance notice. Acting Commissioner of Customs David Strubinger, Treasury Dept., Washington, D.C., is the man who solicits industry's proposals and suggestions.

•

How exclusive is "nonexclusive?" That's the question Federal Judge Sylvester Ryan will have to answer in interpreting his decree (CW Newsletter, Aug 9, '52) in the Du Pont-Imperial Chemical Industries antitrust case, which stipulated that the defendants shall grant licenses "to any applicant making written request."

The question arises because a firm calling itself Nylon Spinners, Inc., set up in New York last April by two law partners, Lawrence Timen and Otis Mark Waters, applied for a license to make, use and sell nylon. Du Pont, however, says "there is strong reason to believe that Nylon Spinners does not have the necessary financial resources, . . . technical competence, and business experience in the field of chemical manufacturing," concludes that the two men "are either acting for undisclosed principals or intend to utilize any license . . . to the detriment of Du Pont's good name. . . ."

Du Pont asks that "any applicant" should mean "any qualified applicant," and Judge Ryan will hear its petition October 20.

•

Another battle is being waged in the "Thirty Year's War" between Schwegmann Bros., New Orleans supermarketer, and such makers of price-fixed pharmaceuticals as Eli Lilly, Johnson & Johnson, etc.

John Schwegmann, Jr., recently asked the U. S. District Court to vacate Johnson & Johnson's injunction restraining the store from price-cutting, contending that other New Orleans stores cut prices and have not been haled into court. Johnson & Johnson's Pres. George Smith now challenges Schwegmann to name the stores, pledges investigation and court action if violations are uncovered.

•

Trends jut out in the news this week about two major firms, Monsanto and Dow:

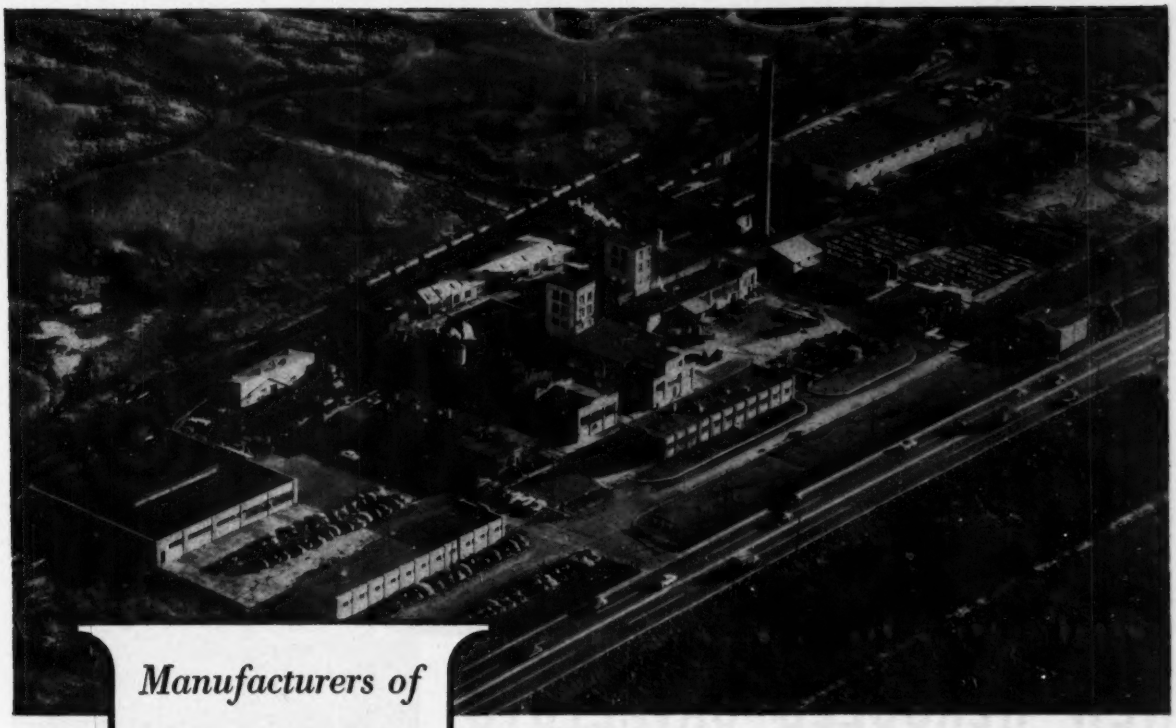
• Monsanto is putting more emphasis on consumer products. It has set up an applications research department at Dayton to concentrate on household, home garden, and agricultural products. It will also work with research departments of various divisions to develop products for consumer sale. At the same time activities of the development department of the Merchandising Division were broadened. It will now develop new markets for soil conditioners, will also study market potentials and evaluate new products for consumer sale.

• Dow likes shipping by water (CW, July 18). It is now constructing a new wharf and warehouse at Freeport, Tex., specifically designed to handle dry cargo.

•

Latest pollution crackdown is in Toledo, O. The state's Water Pollution Control Board has ordered seven Toledo firms to get state permits for dumping wastes into county streams. This will put them under state control, which has a harder bite than local authority.

. . . The Editors



Manufacturers of

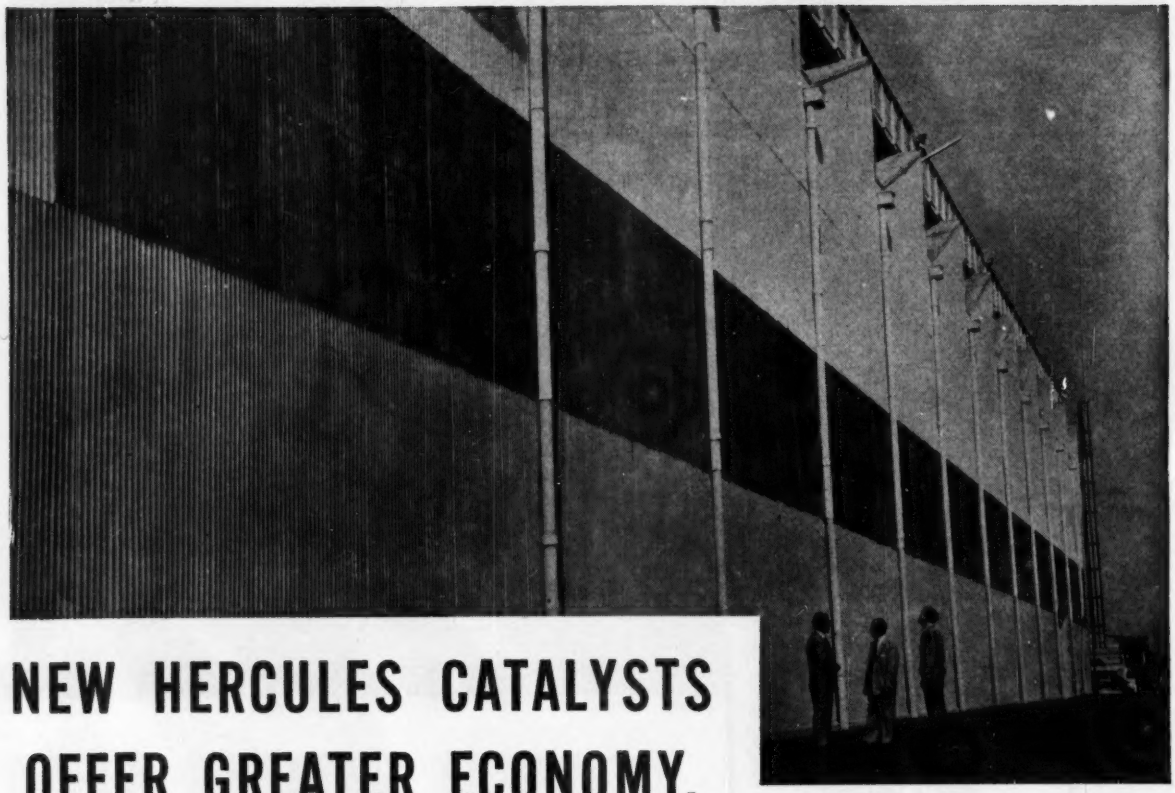
ACETALDEHYDE-AMMONIA
ACETOPHENONE TECH.
ACETYL CHLORIDE
ANISIC ALDEHYDE
ANISOIN
ANISYL CHLORIDE
BENZHYDROL
BENZHYDRYL CHLORIDE
BENZOPHENONE TECH.
BENZYL ALCOHOL TECH.
BENZYL CYANIDE
n CAPROIC ACID
DIPHENYL METHANE
ETHYL FORMATE
ETHYL MALONIC ESTER
ETHYL PHENYLACETATE
ISOVALERIC ACID
METHYL PHENYLACETATE
PALMITOYL CHLORIDE
PHENYLACETAMIDE
PHENYLACETIC ACID
PHENYLACETONE
beta PHENYLETHYLAMINE
PHENYL PROPYL CHLORIDE
POTASSIUM PHENYLACETATE
PROPIONYL CHLORIDE
PROPIOPHENONE
SODIUM PHENYLACETATE
n VALERIC ACID

and Other Intermediates

Our technically trained staff with over 20 years of experience is prepared to cooperate in investigations of the possibilities of producing any required organic chemical (a) which is not commercially available (b) for which no satisfactory source exists or (c) which the user has been but wishes to discontinue making.

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of
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INCORPORATED,
EAST RUTHERFORD, N. J.

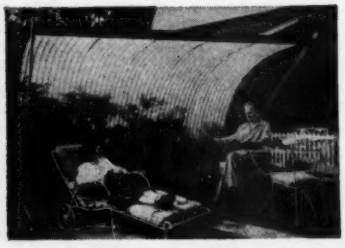
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NEW HERCULES CATALYSTS OFFER GREATER ECONOMY, STABILITY, EASY HANDLING

Hercules cumene hydroperoxide is used by Alsynite Company of America as a catalyst in the production of high-quality translucent polyester fiber glass panels in their plants at San Diego, Calif., and Portsmouth, Ohio. Some applications of these panels, ranging from sectional sidewalls to roofs, are shown on this page.







As polymerization catalysts for various chemicals, Hercules hydroperoxides offer many advantages. For example, they are widely used in the rubber industry, where they provide faster polymerization, especially at low temperatures.

There are three Hercules hydroperoxides: Cumene (CHP), Para-Menthane (PMHP), and Diisopropyllenzene (DIBHP). They are stable during storage, and resistant to inhibition. Economically priced, and available in liquid form, these Hercules catalysts minimize material and handling costs.

Write for testing samples.



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HERCULES POWDER COMPANY
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GC53-5

BUSINESS & INDUSTRY . . .

Business Expansion Spending

(Million Dollars)

	1950	1951	1952	1953 by quarters				1953 total
Chemicals, allied products	771	1,247	1,451	373	449	511	466	1,800
Petroleum, coal products	1,587	2,102	2,596	552	724	785	763	2,824
Rubber products	102	150	139	30	39	36	34	140
Paper, allied products	327	420	354	82	102	116	106	406
Textile mill products	450	531	400	83	84	69	60	296
All manufacturing	7,491	10,852	11,994	2,747	3,280	3,425	3,239	12,690
All industry	20,605	25,644	26,455	6,147	7,225	7,408	7,042	27,821

Pushing Away From the Table

Like a growing youngster who has finally eaten all he can of a big meal, many chemical producers are getting ready to push away from the table.

In the 33 months since the beginning of 1951, chemical executives have already added to their corporations expansion projects worth approximately $4 billion, according to the check totted up this week by the Dept. of Commerce and the Securities & Exchange Commission.

The totals indicate that the peak of tax-write-off-inspired chemical expansion is here. The record $1.8-billion expenditure for new plant and equipment this year (*chart*) represents a 24% jump over 1952. The increase is the second highest of any group, percentagewise, and second in dollar value among manufacturing industries (It follows only the petroleum-coal classification—oil predominant—which accounted for almost $2.8 billion in expansion.)

On a quarterly basis, company estimates for the last six months of this year are all-time highs. The July-September figure, $511 million, is the record, but the $466-million estimate for the following months is still second high. (In comparison, expenditures in 1952's final quarter were $410 million.)

Source Material: These figures are compiled every three months by the Dept. of Commerce's Office of Business Economics and the SEC, are based on reports of registered corporations to the SEC and OBE's surveys of corporate and nonincorporated business. The current totals reflect actual capital expenditures through the first half of the year and business estimates of spending for the following two quarters.

Each time data are collected, government statisticians recheck actual expenditures against previous estimates. For the first six months of this year, the projections were below the actual figures. Estimated chemical expenditures were $814 million; actual outlay was $822 million.

For the Future: Will the figures on spending for the last half of the year need some adjustment? Probably not. Government officials feel that plans through December have been firmed by the anticipated drop in tax rates.

Industry economists see a slight drop in capital spending as industry passes the write-off peak. But the drop they predict would merely reduce the over-all business activity to somewhere around the 1951-52 level—which should give little cause for worry (*page 2*).

For the gangling, still-growing chemical industry, any respite in capital spending should be little more than a pause for digestion.



Curtis W. McGraw

EVERYBODY who knows CHEMICAL WEEK has known Curtis McGraw, president and chairman of the board of McGraw-Hill Publishing Co. The enduring mark of his leadership in the task of keeping business well-informed, shaping the technical developments of industry, and holding the nation to an awareness of its power for greatness and goodness must remain on these pages. But it is something out of the lives of all of us that he died last week.

Born in 1895, Mr. McGraw was a graduate of Princeton (1919), chief McGraw-Hill executive since 1950. He was active in many business, civic, and philanthropic organizations.

Attentive but Wary

A group of chemical executives who lunched together last week had two matters to ruminate on. First was a dinner of melon, chicken with beans and au-gratin potatoes, ice cream and strawberry sauce. But much more important was a plea to change thinking on trade policies. Tossed to the tariff-conscious Synthetic Organic Chemical Manufacturers Assn., last week was the challenge to take the lead in helping establish a trade-and-tariff policy based first and foremost on national security considerations.

Arguing that such a policy would be to the advantage of much of the chemical industry, Henry H. Fowler, former Defense Production Administrator, called on SOCMA members to think about the problem "not in terms of what is good for the organic chemical industry but what is good for America." In many cases, he asserted, that approach would lead to increased trade with friendly nations as a means toward "the building of increasing cooperation and unity among free peoples of the world in their resistance to Soviet totalitarian conquest or Communist penetration."

Fowler, whose law firm serves as general counsel for the Manufacturing Chemists' Assn., showed no lack of awareness of the need for special protection for certain industries that make up the country's mobilization base. Further, he conceded that the synthetic organic chemical industry "has an important and substantive relationship to national security."

'Selectivity' Suggested: He acknowledged that national security is involved whenever tariff action "threatens to undermine the very existence of any key segment of industry," but called for perspicacity in deciding what business comes under that description.

In the event that such decisions are called for, "our determinations of the manufacturing processes that are to be classified for special protection," Fowler declared, "must be limited to a select category that does not preclude the broad flow of healthy trade with our allies."

That "broad flow" might mean a $2-4 billion increase in imports, Fowler said, and granted that this would have "serious social and economic consequences." But, he contended, "these are consequences of the very type we constantly experience in the shifts in fortunes of various industries, types of workers and geographical areas in our internal competitive system of which we are so proud."

Industry's Stake: Fowler maintains that the organic chemical industry has a big stake in adoption of a selective approach to protection. "If the argument is used to call for blanket protection to large areas of industry because of the mere assertion of a general essentiality," he cautions, "the argument will prove too much and may not be accepted even for those segments to which it could be justifiably related."

He opposes the proposition that equates national self-sufficiency with national security, pointing to:

- The growing lag between our economic resources at home and our economic needs.
- The substantial difference between what the nation has in materials in peacetime and what it needs during total war.
- The excessive costs of national self-sufficiency to the taxpayer and consumer.
- The inadequacies of the protective tariff as an effective means of obtaining self-sufficiency.

That governmental administration of a "highly selective" tariff and trade program would be possible and practicable is Fowler's conclusion from last year's action by the Tariff Commission and an interdepartmental Watch Committee in the matter of watches and parts. Approach of those agencies, he says, was that import controls and customs duties should be such as to maintain a certain minimum level of production necessary to afford a nucleus for this type of precision work as a key element in the U.S. mobilization base.

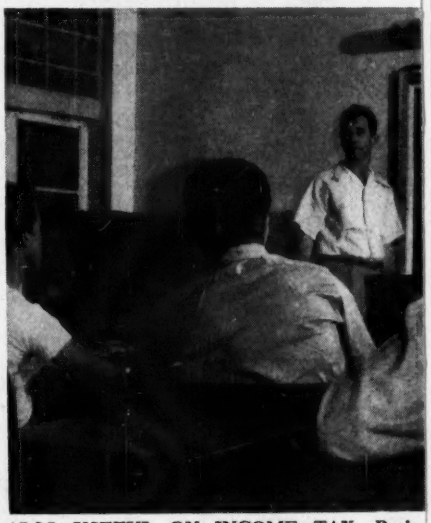
SOCMA members, who had just heard their general counsel, Don Lincoln, report on tariff bills before the 83rd Congress with the warning that "the danger is not yet over," listened attentively to Fowler's reasoning but—apprehensive of those "economic consequences" he predicted—remained wary.

Indicative that the organization would not relax its vigilance on the tariff front were the words of SOCMA Pres. Cary Wagner in closing the meeting. Before announcing that the next SOCMA luncheon session will be Oct. 14 with Edmund M. Flaherty* as guest speaker, Wagner remarked that Fowler's speech showed that "we're going to have a real fight on our hands."

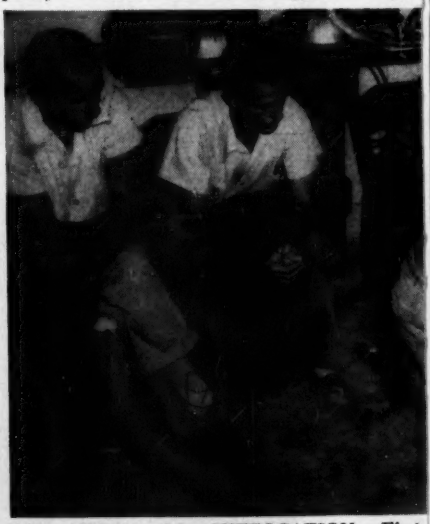
* Retired Du Pont official who later worked with ECA in allotting financial aid to European chemical companies.



APPRENTICE MEETS EQUIPMENT: While operators at Monsanto's Texas City plant learn



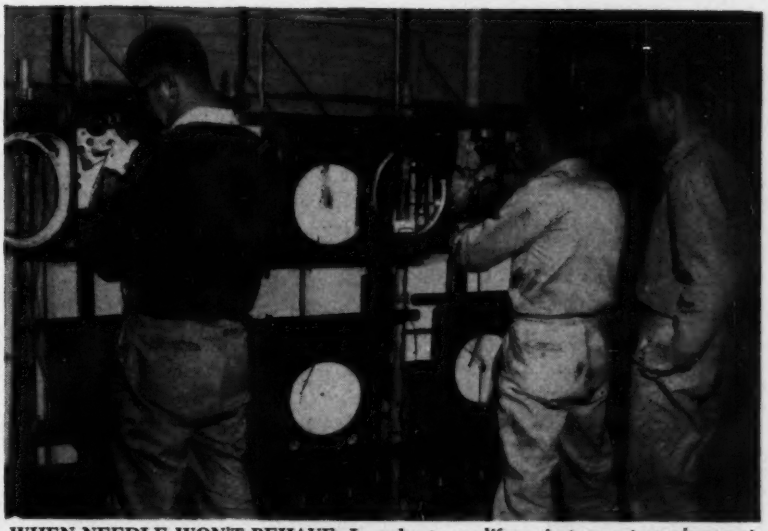
ALSO USEFUL ON INCOME TAX: Basic plant, so Carbide and Carbon apprentices get



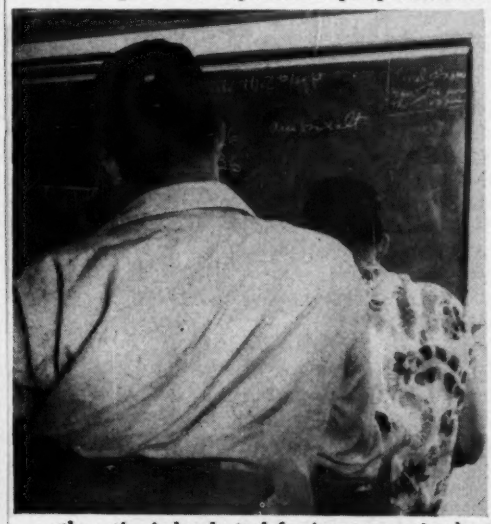
FOR SHOCK OR SUFFOCATION: First new Monsanto employees take turns practicing



experienced worker stands watchfully by, fledgling the fine points of displacement pump lubricator.



WHEN NEEDLE WON'T BEHAVE: In order to qualify as instrument repairman at Carbide and Carbon, these learners have to cope with real-life breakdown problems.



mathematics is handy tool for journeymen in chem rudiments from engineer doubling as math teacher.



aid is essential part of apprentice training; here, latest approved method of artificial respiration.

High Stakes in Skills

It's o.k. to wager most of a company's expansion money on mechanization to "win"; on management, engineering and sales talent to "place"; but there's also a lot of smart money on skilled craftsmanship to "show."

Even though the chemical industry has gained a reputation as a leader in adopting new equipment that makes production quicker and simpler, the industry still needs employees who know more than how to push buttons and collect pay checks.

In fact, the larger chemical companies appear to be increasing their investments in the training of skilled production and maintenance workers. Reasons:

- Costlier and more complicated equipment shouldn't be entrusted to people whose mechanical ability is limited to punching a time clock.
- Trained craftsmen can be expected to push output totals up and maintenance costs down, as compared with the performance of raw recruits "fresh from the farm." Also, skilled workers can prevent accidents and thus avoid shutdowns and reduce the company's payments for workmen's compensation.
- Well-planned apprentice training programs build loyalty to the company, encourage employees to be "career men," and start the more ambitious employees on the road toward promotion to foremen, supervisors and—in some cases—executives.

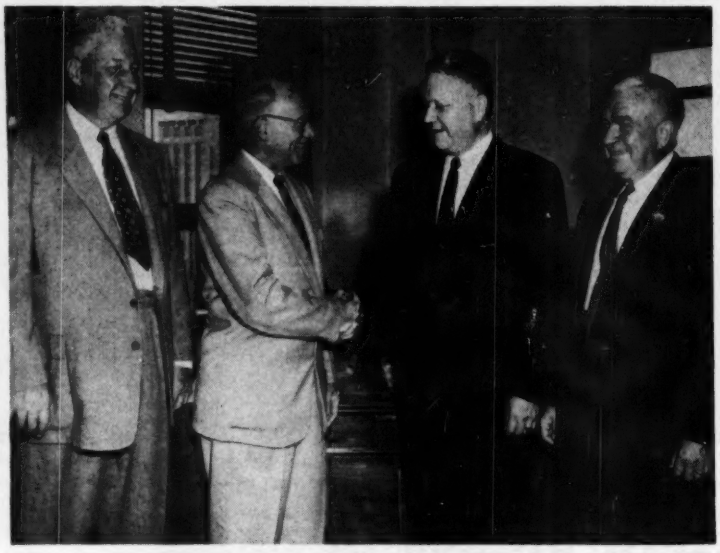
No 'Quickie' Plan: Apprentice training programs used by major chemical companies are serious business; they don't turn out "90-day wonders" or self-deluded "know-it-alls." Typical apprentice training periods run for four or five years, include some college-level instruction in technical subjects such as blueprint reading.

Biggest factor in making a journeyman out of a young apprentice is on-the-job training. In many cases, at least 8,000 hours must be devoted to this kind of training, with the apprentice doing actual shop work (for which, of course, he's paid) under the supervision of a man who has both craft knowledge and teaching ability.

For example, the apprentice training program specified in the labor contract between Carbide and Carbon Chemicals and the AFL Metal Trades Council at Texas City, Tex., requires this much on-the-job training for lads who want to become instrument repairmen: shop work (use of tools, nomenclature, assembly of parts, adjustments and repairs), 2,000 hours; flow, pressure, and temperature measurement, 1,000 hours; pneumatic instruments, 1,000 hours; process control, 1,000 hours; test equipment and instruments, 250 hours; control problems, 250 hours; installation work and blueprint reading, 500 hours; electrical work, 2,000 hours.

Theory Included: In addition, every apprentice is required to attend, for 144 hours each year, class-room lessons and lectures in subjects related to their particular trades. Instructors for these classes are Carbide veterans who have been given a 50-hour vocational teaching course by Texas A&M College; they're registered with the State Department of Education, and the state contributes part of their salaries.

American Potash & Chemical at



Early Start, Still Working

ALLIED CHEMICAL & Dye Corp. will on Sept. 23 honor a salesman with 50 years' service . . . and he's still in the company's employ. Charles Berton (*second from left*) began working for Solvay as an office boy in 1903 at the age of 13, has been on the payroll ever since. Solvay's Pres. Chadwick offers congratulations.

Trona, Calif., has two apprenticeship programs, one in partnership with the International Assn. of Machinists (AFL) and one with District 50, United Mine Workers. Both require that each apprentice enroll in and attend night classes for not less than 144 hours/year in "related technical and general subjects," but, unlike the Carbide plan, this schooling is included in the 8,000-hour total.

A shorter, more specialized training course is one adopted in 1951 by Monsanto when it saw that expansion of its Texas City plant would call for hiring many new chemical operators. Monsanto set up a 120-hour, three-week course that breaks down like this: orientation, 16 hours; first aid, 10 hours; fire fighting and safety, 20 hours; operating fundamentals (including basic chemistry and physics as well as running of equipment), 74 hours. This has been given to all of the 250 operators added to the plant's payroll since then.

Extra Rewards: For the employee, the apprentice training program can have various compensations. For one thing, some programs provide for regular pay increases during the apprenticeship period.* Sometimes the program qualifies under the so-called "G.I. Bill of Rights" so that service veterans can receive Veterans Administration checks while they're taking the training. Certificates are awarded to men who complete the programs, and in some cases the graduates also receive school parchments; for example, graduates at Du Pont's Chambers Works get certificates from International Correspondence Schools. Of course, the principal reward is attainment of the rank of journeyman, which is next best thing to guaranteed employment, wherever one goes.

What's the percentage of apprentices dropping out of such programs? At the Chambers Works, where apprentice training began in 1921, 265 persons enrolled; 152 have been graduated; 18 are in military service; and 34 are still in training. In some plants, the apprentice is required to sign an agreement to complete the course.

So far, apprentice training has been limited pretty much to large companies, but at last month's North American Conference on Apprenticeship at San Diego, Calif., delegates endorsed a plan whereby small shops and factories could jointly undertake such programs.

That conference, made up of both management and labor representatives, also agreed that there should be no reduction in training time; delegates contended that the industry is demanding ever more advanced skills of the journeyman. Said J. A. Olmer, training supervisor for Boeing Airplane Co.:

"The line between the skilled craftsman and the engineer is becoming thinner all the time."

* At one plant, hourly wages during apprenticeship under current labor contract are $1.60 during first year, then $1.70, next $1.80, and finally $1.94 during the fourth year.

COMPANIES . . . .

The forthcoming sale of 50,000 shares of H. I. Thompson Fiber Glass Co. by members of the Thompson family is being made to create a market for the stock for inheritance tax purposes. Present principal product: a silica fiber glass batt used for high-temperature insulation in jet aircraft. The company is reported, however, to be considering entry into the field of heat-resistant plastics.

•

W. R. Grace & Co. is inviting holders of common stock in Davison Chemical Corp. to submit tenders for the purchase by Grace of up to 180,000 shares of Davison common stock at $40/share. Grace officials point to the proposed investment as a further step in company diversification into the chemical field, say that when the deal is completed it will own a majority of Davison common stock outstanding. Present holdings: 29% of Davison common.

•

Spencer Chemical Co. has awarded its contract for design services on a unit to prepare high-purity ethylene at Orange, Tex., to the Scientific Design Company, Inc., New York.

EXPANSION . . . .

Benzene Hexachloride: A unit to produce benzene hexachloride is being included in Pennsylvania Salt Manufacturing Co.'s recently opened chlorine-caustic soda plant at Calvert City, Ky. Cost: an additional $2 million, boosting the total outlay to $10 million. Construction is now under way; production is expected early next year.

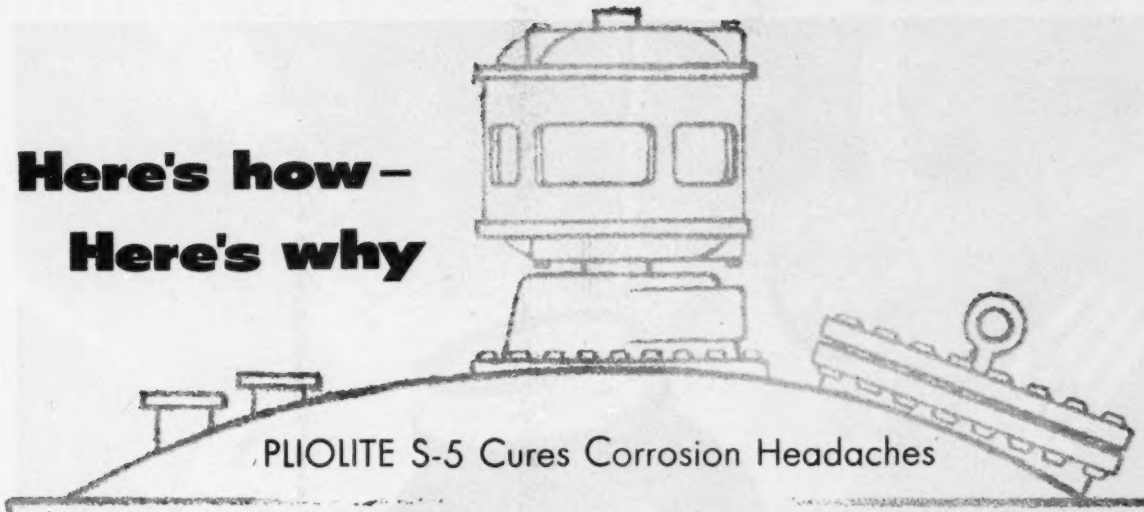
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Atomic Materials: Some 1,000 employees of Dow Chemical Co. have started operations at the Rocky Flat atomic plant northwest of Denver. Construction work is due for completion the last of September at a cost of over $43 million.

There is widespread speculation that the plant will process raw materials used in making the atomic bomb, but officials say operations are secret and will not confirm the rumor.

Peak employment will be 1,200 workers, all employed by Dow.

Here's how—
Here's why



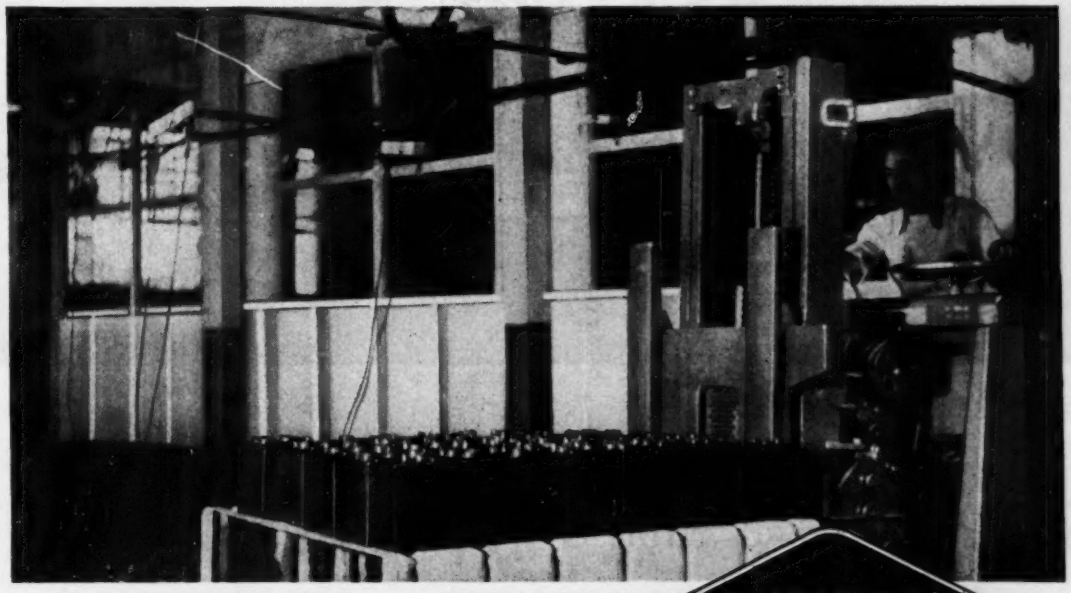
PLIOLITE S-5 Cures Corrosion Headaches

Headaches in many a plant stem from the high costs of maintenance, repair or replacement of machinery and equipment damaged by corrosion. The best way to cure these headaches is to stop them before they start. One of the best ways to do that is to use paints made with PLIOLITE S-5.

PLIOLITE S-5 is a styrene-butadiene copolymer. It is so polymerized as to combine the needed chemical resistance with the solubility and other properties demanded of a paint resin. Paints based on it are easily made and easily used. They are fast drying and nonoxidizing. They form a tough, durable film that fully resists acids, alkalies, oils, greases and water.

Protect your plant with paints based on PLIOLITE S-5. Ask your usual paint supplier about them. Or if interested in manufacturing them, write to:

GOODYEAR, CHEMICAL DIVISION, DEPT. I-9417,
AKRON 16, OHIO



NO HEADACHES FOR ELECTRIC AUTO-LITE: The interior of this Oakland, California plant is painted with Pli-Namel, a product of The Glidden Company and based on PLIOLITE S-5.

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Duraglas TRADE MARK REG. U.S. PAT. OFF. packages are protectors of quality

OWENS-ILLINOIS GLASS COMPANY • TOLEDO 1, OHIO • BRANCHES IN PRINCIPAL CITIES

Trilemma Unhorned

A fight that might have had serious effects on future electrochemical expansion in the Pacific Northwest seems about to be settled. And the terms are apparently agreeable to each of the three parties involved.

The scrabble came over a proposed contract between the Bonneville Power Administration and private electric utilities in the Northwest area. Terms of the original contract brought bitter complaints from industrial users of power, who felt that they were being discriminated against (*CW, July 4*).

During the fight, the phrases "creeping socialism," "big power grab," "national sell-out," "monopoly," were flying thick and fast, completely hiding the crux of the matter: there just isn't enough power now available to permit additional large-scale electrochemical expansion. Thus, various users have jockeyed for what little increments do become available.

One of the provisions of the present 5-year contract between Washington and Oregon private utilities and BPA stipulates that BPA can sell new power only to firms tabbed as defense industries. Industry, as a consequence, has turned to the Public Utility District, municipal utilities and electric co-ops for its power—paying a slightly higher rate and not always getting power where it wants it.

Pennsalt, for example, wished to expand its Portland plant, but had to expand its Tacoma plant instead when it could get power in the Tacoma area but not in the Portland area. Industry feels this is an artificial and unrealistic situation, since eventually all power comes from the same system. (All the PUDs buy power from BPA.) So industry isn't happy

New Contract: The present negotiations for a long-term contract started in March of this year. A draft was drawn up between the private utilities and BPA, which then submitted it to its industrial customers for review and comment. The ensuing yell of outrage was heard 'round the country.

The contract as originally written would extend present pacts for 20 years, with power allocated 5 years at a time, revision permitted only if there were "slippage" in construction schedules. Basis of industry's objections was that under the contract as drawn, BPA would be prohibited from selling to industry any surplus power on a firm contract unless all private utilities buying from BPA gave their consent.

Industrial expansion would necessarily have to be based on interruptible power in limited and indefinite amounts. Furthermore, the private utilities would get first crack at essentially the first 4 million kw. of prime power produced during the next 20 years over the kilowatts produced to meet the requirements of public agencies and existing industrial contracts. Finally, if BPA were unable to supply the private utilities, existing contracts with industry would be canceled unless industry agreed to take a proportionate share of steam-generated (higher-cost) power.

Industry Arguments: But the pressure built up by industry (backed by its $500-million investment in the area) proved too much for the private utilities. A revised draft was put in the works. The draft was submitted by BPA to the private utilities last week. If the utilities give their tentative approval, the contract will again be submitted to industry for review and comment, then to Washington for final review. It is not expected that the contract will be signed before the first of October.

The new draft reportedly cuts the kilowatts reserved for the private utilities after public requirements have been met to 1.5 million kw., with the added provision that after 500,000 have been sold to the private utilities, BPA could sell 70,000 kw. of prime power to firm up interruptible loads or bring in new industry. Furthermore, the clause canceling present industrial contracts has been eliminated. And there will be no review by the private utilities of industry-BPA contracts.

In the first draft the public agencies were limited to 10,000 kw. of BPA power, which they could sell to any new industry. This section was in obvious violation of the original Bonneville Project Act, so it was eliminated. Now BPA has promised to discourage PUD or other public agency sale of BPA power to new industries.

Short and Long: But a 20-year contract is only a short-term stop gap. The only real long-term solution is more and more and more storage and generating capacity to develop the vast untapped hydro-electric potential of the Columbia River system.

Can private industry do it better than the federal government, when the private interests have to pay higher interest on their bonds, taxes on their profits, and have to amortize their investment in 35 years rather than 50 years? Most experts doubt it; the contract now under negotiation might well be the first step toward an honest partnership between public and private power interests.

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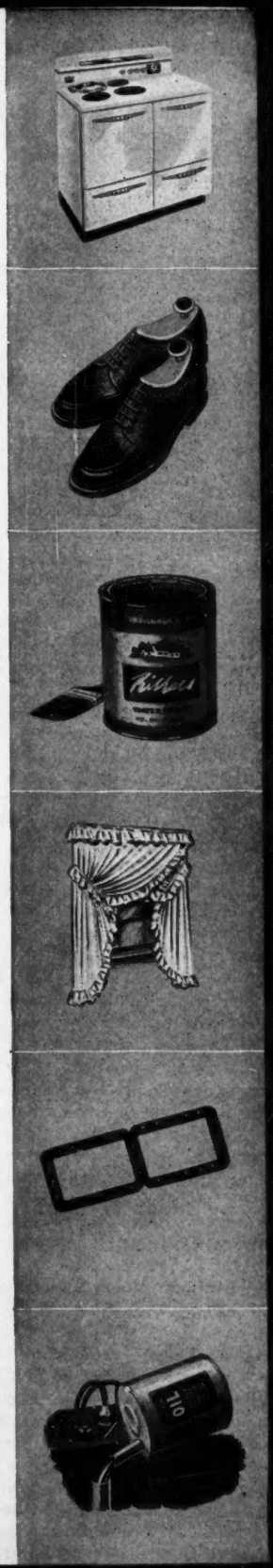
Butyl acrylate	Ethyl methacrylate	Decyl-octyl methacrylate
2-ethylhexyl acrylate	Butyl methacrylate	
Octyl acrylate	Hexyl methacrylate	Lauryl methacrylate

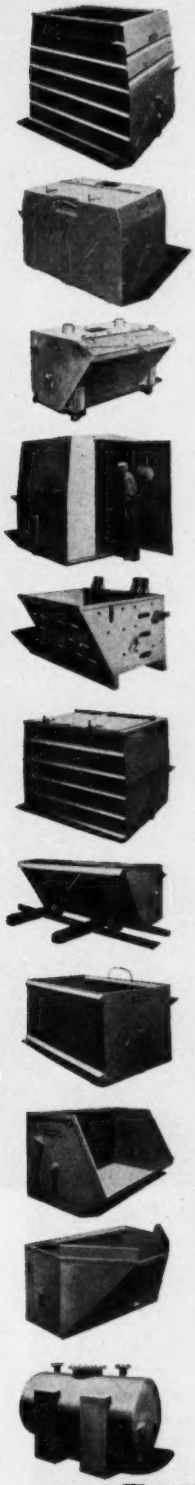
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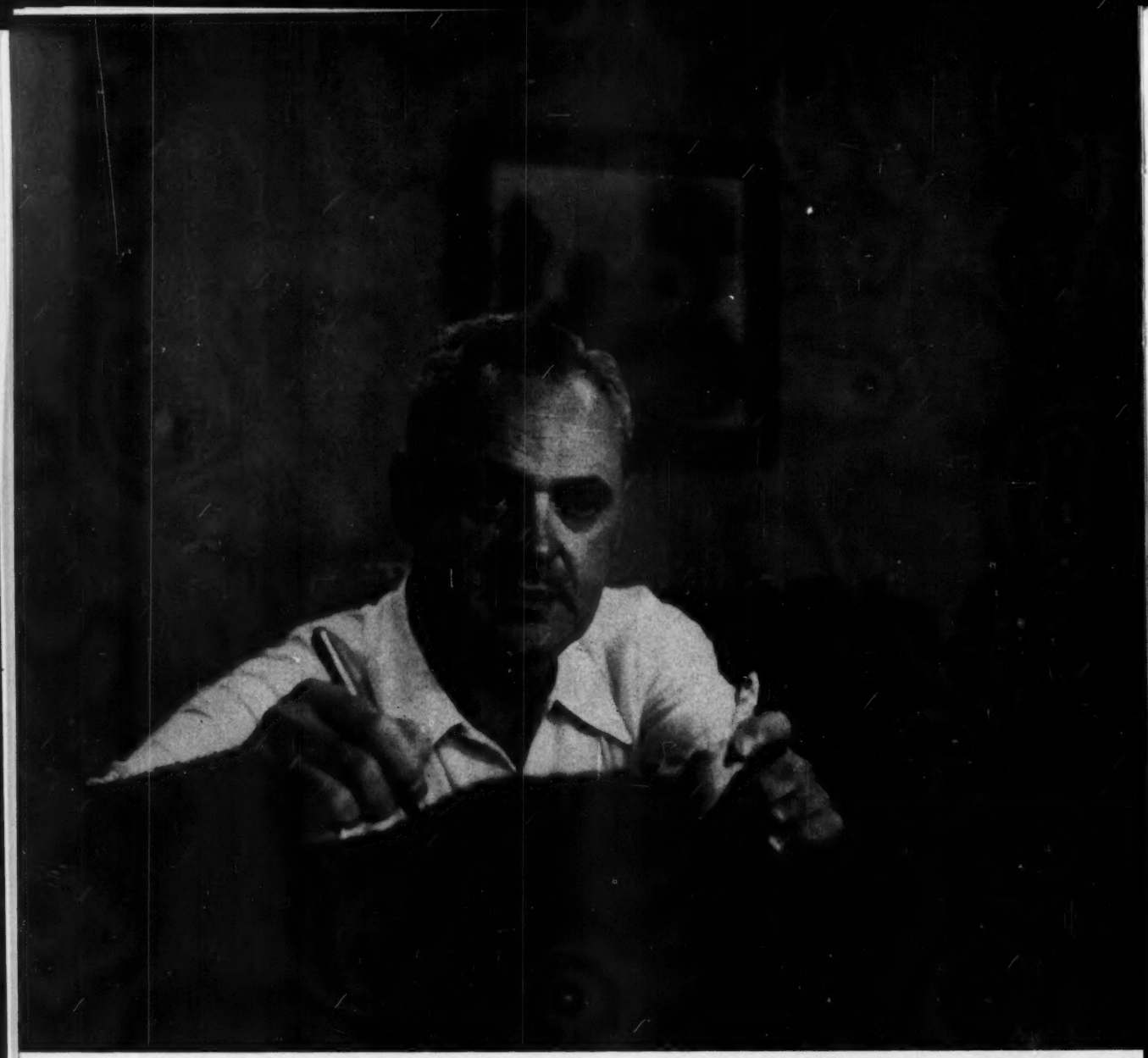
Manufacturers over the nation have learned to eliminate the costly and inefficient method of handling bulk materials with conventional dump trucks, drivers and loading crews. You can equip one truck with a hydraulically operated Dempster-Dumpster. Then, inside or outside buildings at convenient accumulation points, you simply place detachable Dempster-Dumpster Containers, in capacities up to 4 times that of conventional dump truck bodies, with each designed to suit the materials to be handled—be they solids, liquids or dust . . . hot or cold . . . bulky, light or heavy. Containers shown at left, all handled by one Dempster-Dumpster, are only a few of the many available or that can be built to meet your needs. The Dempster-Dumpster, operated by only one man, the driver, serves scores of containers . . . one after another, as shown below.

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You don't uncover and build new markets by working eight-hour days. Ask Cheslam's Dick Whitehill.

Starting from Scratch . . .

YOU'RE A MARKETS MAN, and the boss does the improbable. He calls you in, and asks you to describe your idea of a job in Heaven.

You say: Well, a fellow gives me a product that has never been made before. He tells me no one knows enough about its uses to guess at its potential. It's to be my product. I'm my own boss. I've got time to snoop around, to think, to talk to people. He promises, "We'll back you with lab help, with production. Get yourself a crew, show 'em how it's done." I tell the boss to start producing, brother, because I'll find him those markets, make the sales.

Then the boss does the impossible: He says that job is yours.

That's roughly what recently happened to Richard "Dick" Whitehill, general manager of Cheslam Corp. (Yonkers, N.Y.), whom CW's camera follows this week on his dream job.

Cheslam is a division set up by polyethylene tubing producer Chester Packaging Products to handle the marketing of its polyethylene-cellophane film—a laminate made without use of adhesives *(CW, July 18)*. And Dick Whitehill, whose experience encompasses all phases of packaging, is the man Chester Pres. Alfred Schechter picked as the core around which the new division will grow.

The product, tradenamed Cellothene, is not the only one of its kind, but the whole field is so new that launching it is pretty much a pioneering operation. Combining the advantages of both cellophane (transparency, gloss, printability) and polyethylene (durability, low moisture transmission, flexibility at low temperatures, etc.), the material aims to fill the gap be-

PHOTOS—CARTER JONES

tween the two in packaging and other fields. Where these gaps are is Whitehill's job to discover.

It's first of all a matter of self-education, for there's no fund of information on the laminate as yet. That means exploring all industries that might be able to use it—food, household specialties, cosmetics, textiles, shoes, etc.

Since one man can only do so much, for Whitehill it means training others to do the same thing, and to follow up on leads he has uncovered. He not only must conduct this missionary work among eventual industrial consumers of converted film, but he must also explain the properties of the material to the converters who will turn the film into printed packages for their customers.

Packaging and converting machine manufacturers have to be consulted to determine whether existing machines will operate with the new laminate, or to find out what modifications must be made to make them work satisfactorily.

Each new application must be explored. That involves arranging for filling, making storage and other tests, getting the plant to turn out laminates with component films of different thicknesses to find the best combination for the job.

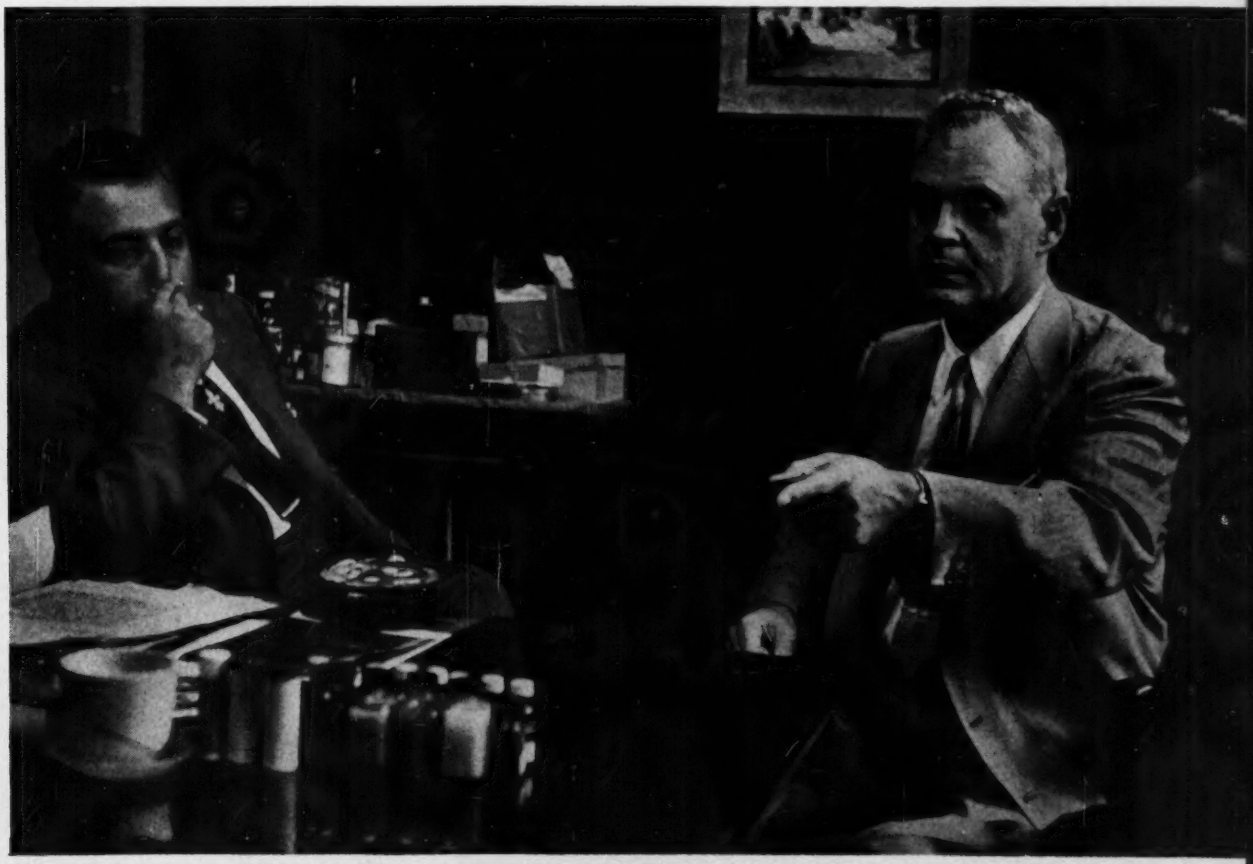


Whitehill conducts short training session on new film for salesman Kugelman (center) and paper firm representative.

To do all these things, Whitehill is practically in constant motion. His office routine includes mail, short training sessions. Then he's off to a machinery manufacturer to see whether a new application he has uncovered is possible.

He then wheels his new Buick up to Chester's Yonkers, N.Y., plant, discusses some tests with the lab force, has a short conference with company officials before shoving off again. There follows a stop at a plant in New Jersey before he hops a plane for the Midwest to see another potential user.

Obviously most of Dick Whitehill's days are of the 16-hour variety. But there are no nights and days in Heaven.

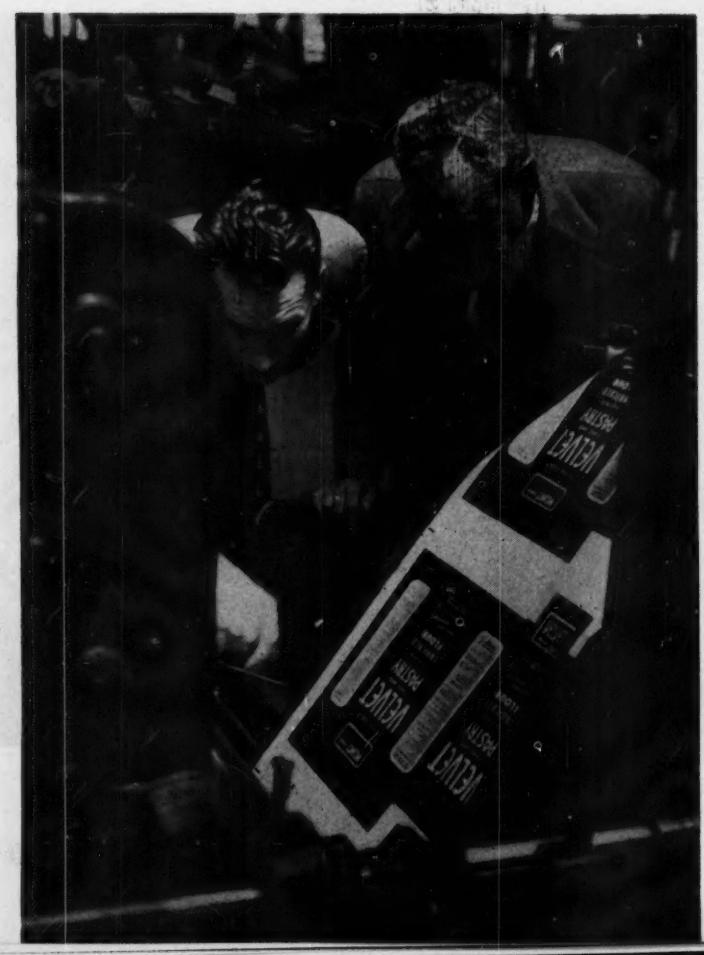


Steve Kugelman accompanies the boss to meeting with Claude D'Angio of Airkem (maker of Air-Wick). D'Angio explains package needed for new product, agrees to test the new laminate.



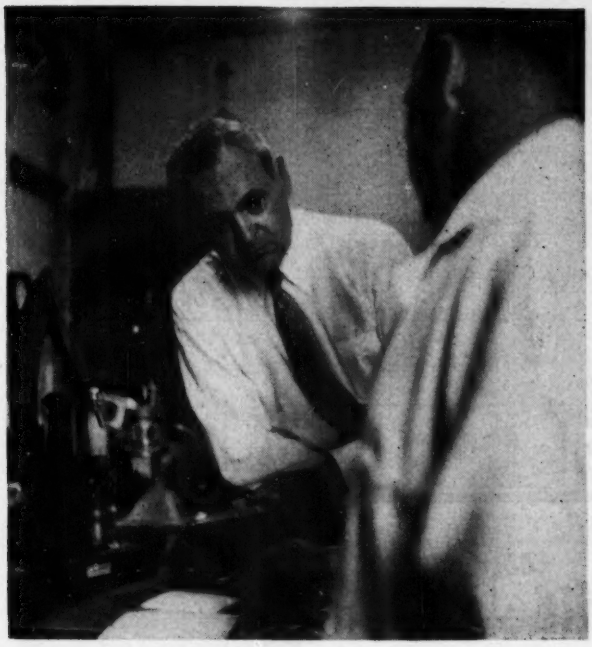
Mechanic at Roto Bag Machine (New York) and Whitehill examine bag made of the new film, determine what adjustments are needed.

. . . Finding New Markets

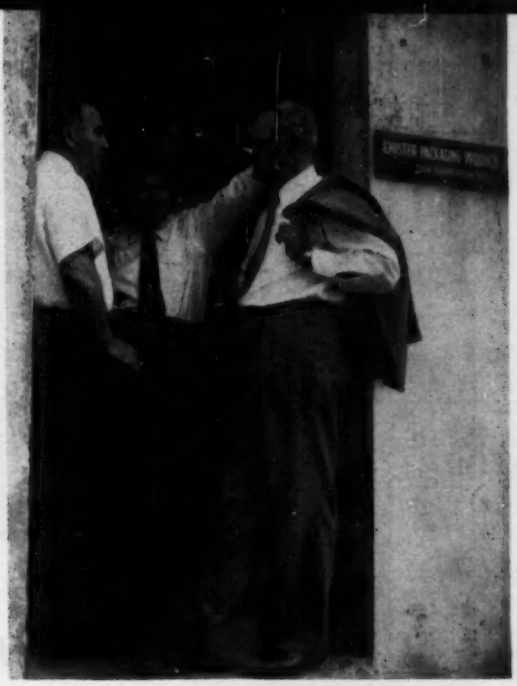


Next, a fast trip to Brooklyn. Potdevin Machine's Jim Hamilton describes machine being built.

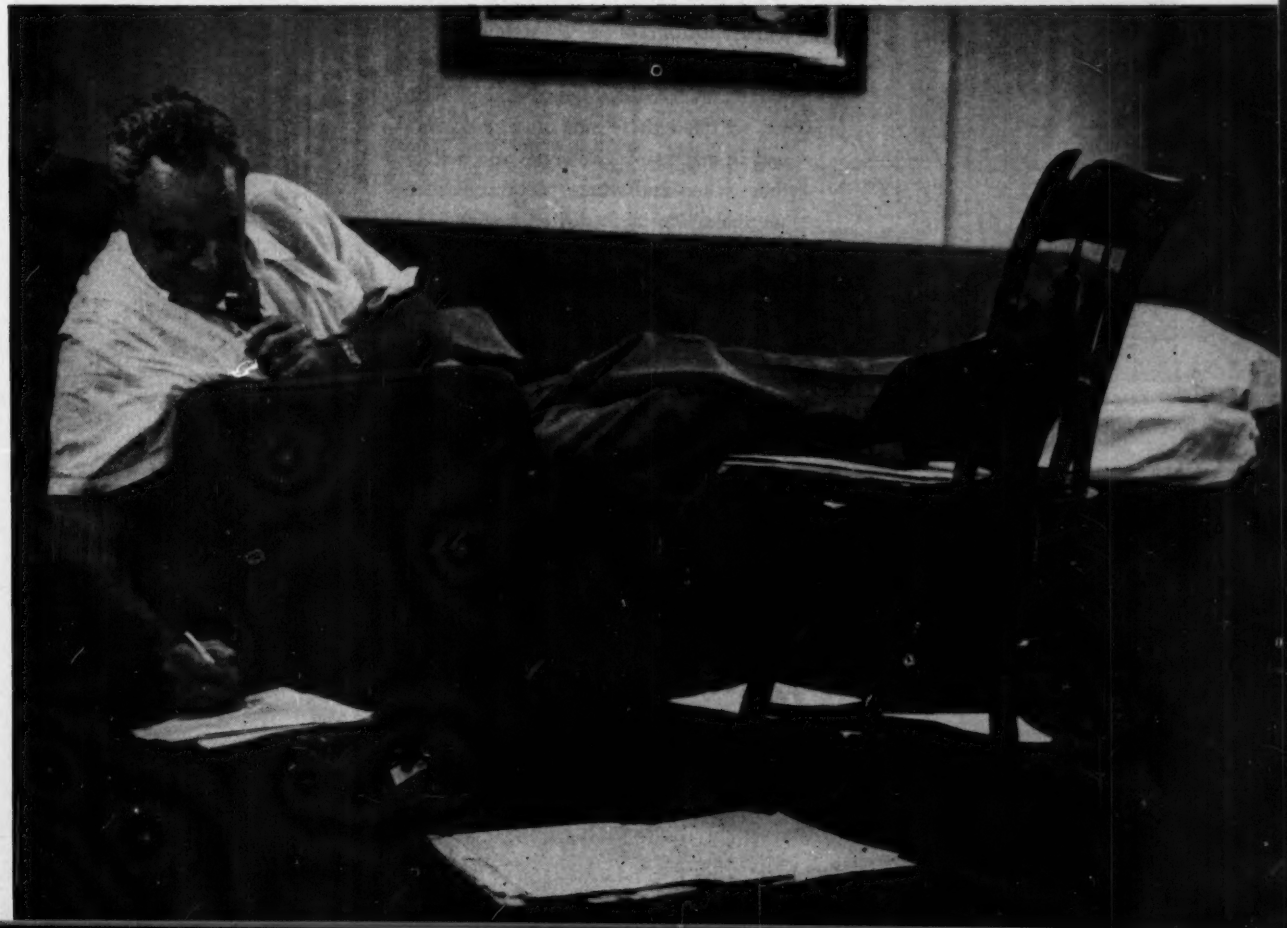
But though he has left plant and Yonkers behind, work goes with him. That's part of launching something new.

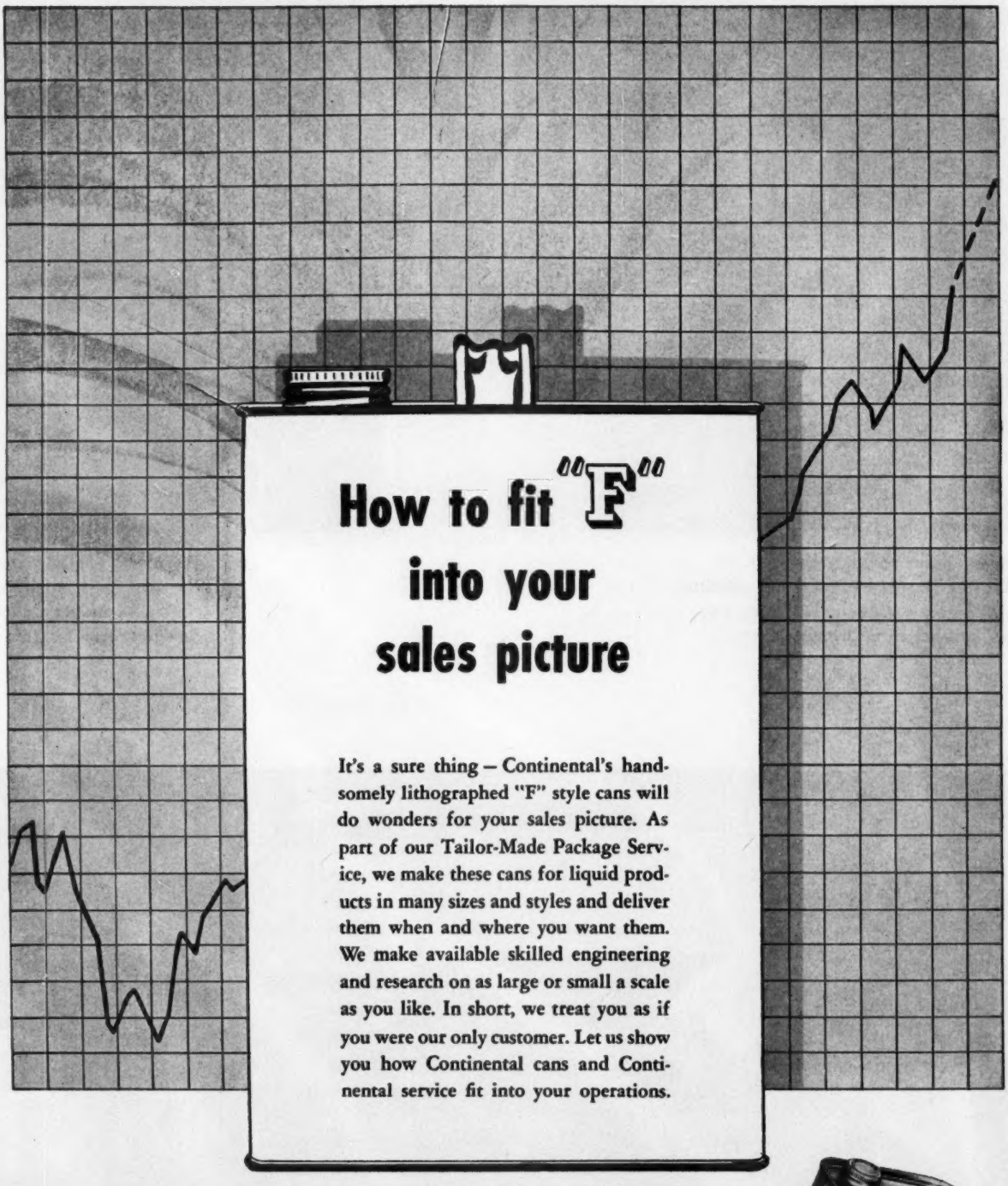


After the Brooklyn trek, Whitehill gets report from chemist in company lab in Yonkers, sets up several new projects.



At close of long meeting, he has final word with company officers Schechter and Feigenson.





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Chemicals in Auto Production, 1953
(Million Dollars)

Industrial inorganics	9.1
Industrial organics	27.5
Plastics	60.3
Synthetic rubber	233.3
Paints, allied products	217.1
Gum, wood chemicals	2.2
Animal oils	2.9
Miscellaneous chemicals	46.4
Total	598.8

Totals estimated on basis of 7.7 million total motor vehicle production. Included are chemical sales to auto-makers, plus a proportionate figure on chemicals used in making tires, tubes, other rubber goods, and storage batteries sold to auto-makers. Basic data from 1947 Census of Manufactures.

Hoopla and the Hard Sell

In Detroit this week, auto-makers were readying the hoopla and razzle-dazzle that punctuates their production cycle each year—the introduction of new models. This year, almost for the first time since the end of World War II, there was a minor-key theme behind the new-model promomotion: a period of hard selling is ahead.

The question asked not only in Detroit but also in virtually every top-level business conference: Can automobile production continue at its present high rate?

To executives in the chemical process fields, the question means more than over-all business activity. Granted that chemical sales depend on the general business activity level, which, in turn, depends to quite an extent on automobile and related industries —but in addition, they are sensitive to the much more direct effect of automobile production on chemical consumption. This year, which will see auto-makers turn out about 7.7 million cars and trucks, will also see sale of approximately $600 million's worth of chemicals and allied products to the auto industry and to such direct suppliers as the makers of storage batteries and tires.

These figures do not reflect indirect chemical consumption through sales of gasoline and lubricating oil (with their chemical additives), antifreeze, replacement storage batteries and tires, or via auto-makers' purchases of materials, which, like textiles, are dependent on chemicals. Hence the dollar estimates (*table*) are bare minimums.

As Autos Go . . .: Small wonder that automobile production bulks so weighty in the chemical business outlook, and that one often hears this question: Will a downturn in auto production mean a proportional drop in chemical consumption?

An answer takes shape from already discernible trends. By any standard, 1953 will be a record. The industry's estimated 7.7-million-unit production will be the second highest ever recorded. (Top year was 1950, when 8 million cars and trucks were produced; the post-World War II market was still unsated, and the impact of Korea and mobilization still lay ahead.)

This year's production, in turn, reflects the order backlog from 1951 and 1952, when output was limited by government edict, but the same will not be true in the coming year. The backlog is gone, and auto-makers are looking forward to competive selling. (Said one auto sales manager to his New York dealers last week: "The biggest job ahead is to make the public buy the items it needs for comfort and convenience. This can be done by bringing out better and more desirable products, increasing advertising and promotion, and, in general, intensifying all sales efforts.")

Recognition by auto-makers of future sales problems has brought a fear of overproduction to observers away from Detroit. They wonder whether competition among auto-makers will engender a too-high rate of production as soon as new models are introduced. This could end in a sudden back-up of new cars in dealers hands, could mean idle plants and unemployment.

This worry is probably closest to the surface in Washington, where automobile production has always been a favored economic indicator. Such sensitivity may reflect more than a bureaucratic concern that auto-makers don't know their business. While the condition of Detroit doesn't always reflect the economic state of the nation, it is a considerable factor.

Units Go Down: Disinterested forecasters, while hedging their estimates *vis à vis* world conditions, predict that car and truck production next year won't total much over 6 million units. Such a dip of 1.7 million units would seem more than just the "readjustment" Detroit predicts. It will not, however, bring a comparable drop in dollar sales. The reason is the increasing acceptance of optional equipment. Buyers are considering such accessories as automatic transmissions, direction finders, power steering, air conditioning—which can add $400-$1,000 to car price. With such a trend, dollar volume will become more important than unit figures.

Chemical Boom: This trend has brought a nice new set of profit items to chemical makers. The rapid adoption of automatic transmissions, for example, has given a considerable boost to sales of hydraulic fluids. In addition, while auto researchers feel that present fluids are good, they would welcome oils with, say, increased density with no increase in viscosity. Such an oil, twice as heavy as present ones, would allow transmission of double power with no increase in fluid volume.

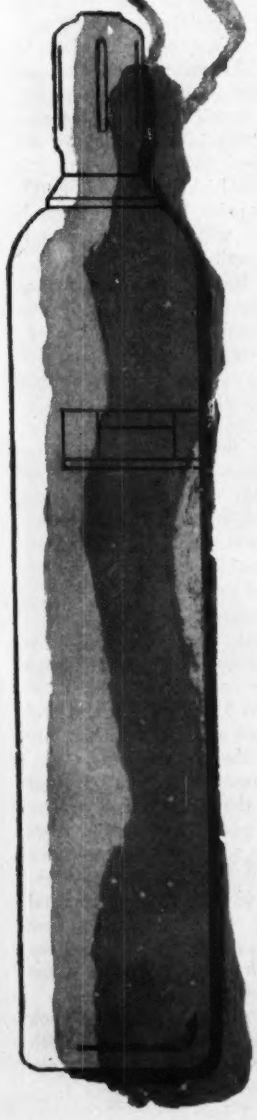
The development of a water-based industrial finish (*page 68*) points to to the possibility of a major change in automotive coating procedures. At present, 3½ to 5 gallons of paint and primer and two gallons of thinner are used to paint the average car.

But where research may bring major upheavals to the markets enjoyed by automotive suppliers, there is another general factor with equal importance —the psychological, keeping-up-with-the-Joneses one. If auto-makers find sales lagging, they can, in a few months time, make styling changes radical enough to make today's autos outwardly obsolete.

Such thoughts might easily be back of a good part of the optimism with which auto-makers view the approaching days of the hard sell.

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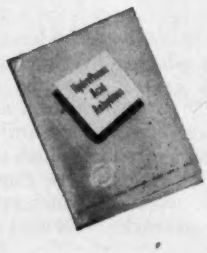


Here is a comprehensive group

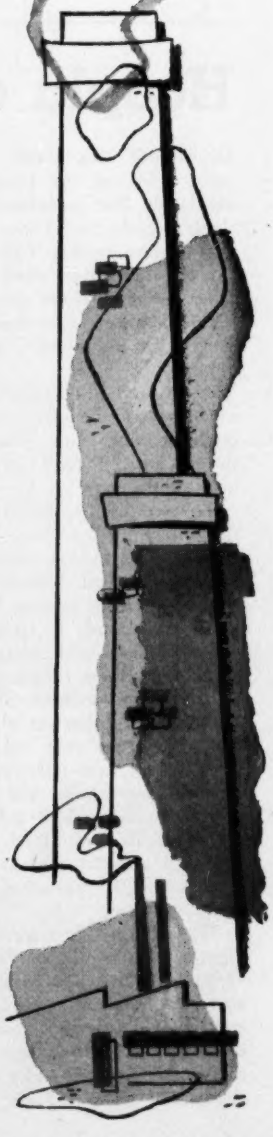
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- Hydrofluoric Acid Anhydrous
- Hydrofluoric Acid Aqueous
- Hydrofluosilicic Acid
- Potassium Bifluoride
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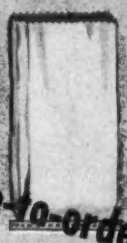
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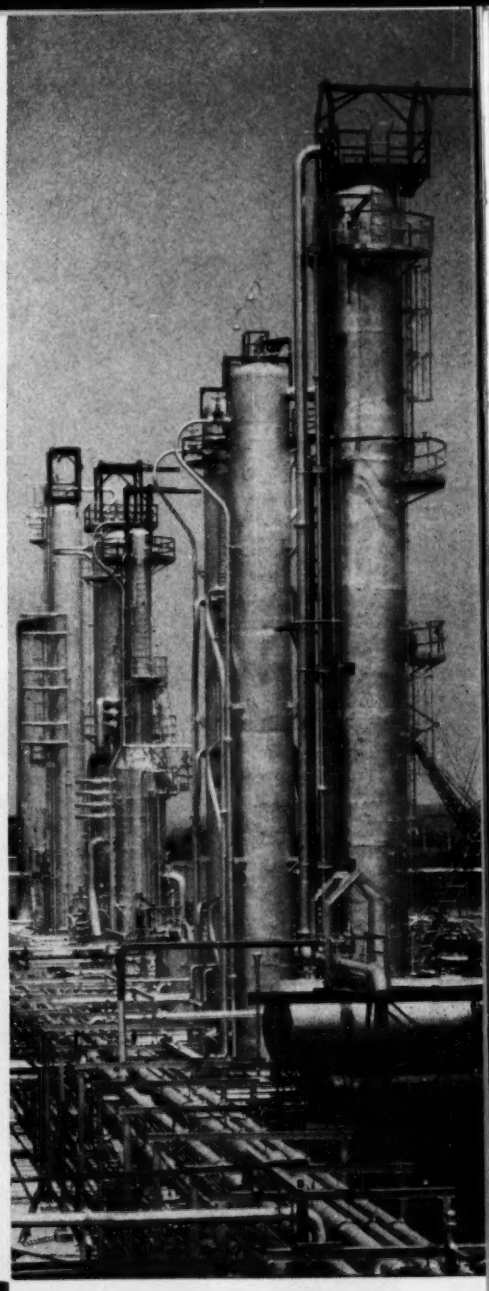
Complete

KRAFT BAG CORPORATION

Yankee Hustle Below Border

Though Mexico today still lacks a well-rounded chemical industry, migrating American industrialists in recent months have injected a fresh energy.

No single sector of chemical production is yet free of imports, but pharmaceuticals and sulfur are growing at a fast pace, should stand alone soon.



Mexico, chemical-conscious after a double shot of American bustle and postwar expropriations, today has ambitious plans for a full-fledged industry. Scores of new processing plants have been built and put in service in the past year; many producers of basic raw materials, too, have plunged into fresh operational ventures.

Actively encouraging the spurt, the Mexican government has not only spurred progress by granting requests for strong tariff protection, but in a number of important cases (such as sulfur recovery in the oil fields, production of commercial fertilizers) has kicked into the business with investments running into the tens of millions of dollars.

The government has still another active interest: its seized ex-German pharmaceutical and chemical interests are still being run under a combined operation called Quimica Nacional, which reportedly has varied schemes under way to start production on other new products.

Tax exemptions have recently cleared the path for manufacture of chlorine, insecticides, bleaching agents, and anti-malarial products. But economic difficulties still have to be hurdled, since in some cases Mexican consumption is still small; moreover, export duties are heavy.

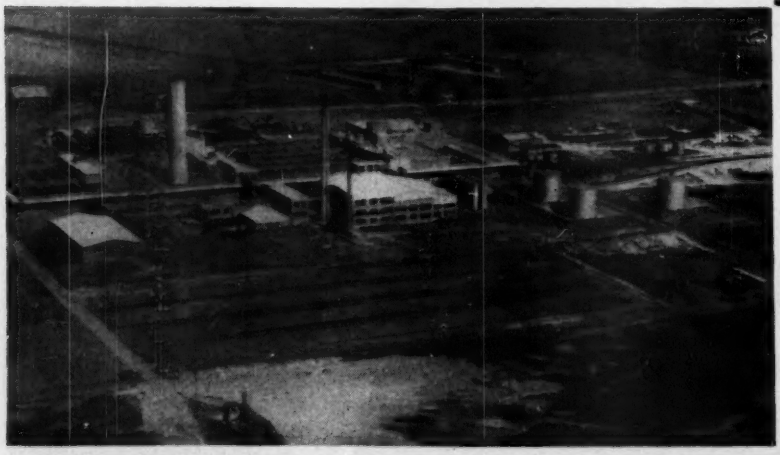
Nobody Knows Officially: It's practically impossible to secure government statistics on just how the Mexican chemical industry shapes up today. There are no official, complete, or recent figures; and the industry itself offers little more. An industrial survey was started in 1945, was revamped in 1950 on a more ambitious scale; but neither attempts to compile any significant figures on products or types of products taken as a whole.

Best source of reference is the Mexican secretary of economy's office, which now lists 198 firms manufacturing industrial chemical products in Mexico, records an additional 323 plants turning out pharmaceuticals. The catch is that many major producers aren't included—usually because their chemicals are by-products, and according to Mexican cataloging thus belong under another manufacturing category.

The roster of plants built in Mexico just in the past few years includes such names as Monsanto, Procter & Gamble, Pittsburgh Plate Glass, Colgate, Minnesota Mining, Du Pont, Celanese, Bakelite, Mexican Gulf Sulphur, Lederle, Abbott, Bristol-Myers, Merck, Parke Davis, Smith Kline & French and many others.

For raw materials used by the chemical industry, Mexico is fairly well set. Salt is obtainable throughout most of the country; soda ash is readily available from Lake Texcoco, outside Mexico City; large lead and zinc mines produce by-products in smelting; major oil fields, sporting three new refineries, have barely been tapped; sulfur recovery and lubricant plants are abundant; coal supplies are adequate; new sulfur deposits have just been discovered in southern as well as central Mexico, near San Luis Potosi. Further, sugar cane processing provides alcohol in large amounts; citric acid can be obtained from local supplies. The main lack—phosphate—must be imported from the U.S.

Since 1950 (when 540 plants, with an investment of over $40 million turned out $37 million of products) best estimates concede that more than $25 million has been poured into the



VISCOSA MEXICANA: Under Celanese tutelage, 24 million lbs. of rayon.

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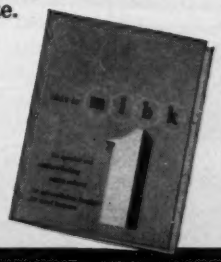
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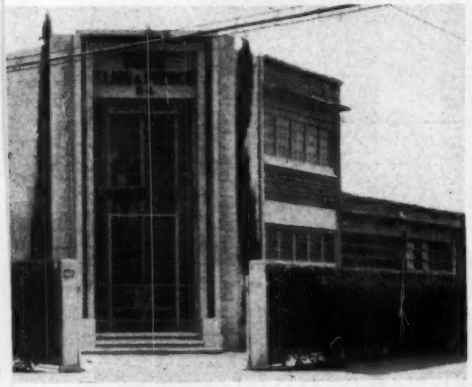
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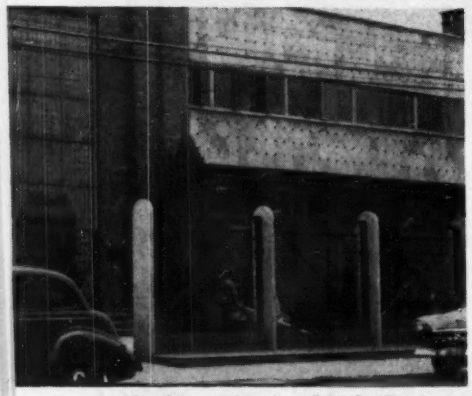
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with Abbott (above) and Parke Davis . . .



drugs are flooding Mexico today.

Mexican chemical industry. Biggest chunks: a $10-million government-sponsored ammonium sulfate plant; a $4.5-million sulfur operation on the southern Gulf Coast; plastic, detergent and glass factories set up by U.S. firms.

Mainstays of Mexico's 1952 production list: sulfuric acid, calcium carbide, sodium sulfate, zinc oxide, pigments, copper salts, crude benzol, lead acetate, silver nitrate, sulfur, caustic soda.

But There Are Highlights: In any run-down of the Mexican chemical industry, certain companies stand out as leading the race. CW's recent survey takes special note of:

• American Smelting and Refining Co., with extensive properties throughout the country including lead and copper mines, as well as an arsenic plant turning out some 800 tons of arsenic/month, 50 tons sulfuric acid/day. At Rosita, in northern Mexico, American Smelting's mining and coking operations employ over 10,000 persons, boast the world's largest zinc smelter (with 7,200 retorts), and turns out as an additional premium some 1,300 tons sulfuric acid/month. Other products: ammonium sulfate, crude benzol, creosote—all side operations of its coke ovens.

• Guanos and Fertilizers Co., started in 1942 by the Mexican governmental financing agency, Nacional Finaciera, to process guano from islands in the Pacific. It's latest score: a $10-million ammonium sulfate plant, finished in 1951, now processing 66,200 tons ammonium sulfate annually. For a source of raw material, Guanos gets natural gas from the Mexican government's oil monopoly.

Two other Mexican plants are in the superphosphate race on a more modest scale, turn out together an additional 8,000 tons annually for the badly impoverished Mexican agriculture.

• Cia Mexicana de Explosivos, a Du Pont subsidiary, which turns out dynamite, TNT, fuses for the Mexican mining industry. Located at Dinamita, Durango, the firm produces 4 million lbs. of explosives monthly, makes its own nitroglycerine.

• Syntex S.A., reportedly the world's largest producer of synthetic hormones, which really switched into high gear late in 1951. Most of its products are sold in the U.S., are made from an inedible yam, found in the Central American jungle, called the cabeza de negro. Main products: progesterone, testosterone. It's also now synthesizing cortisone, say company officials.

• Petroleos Mexicanos, the government oil monopoly, which has recently added three new refineries, a lubricants plant, a sulfur recovery unit. Output from the sulfur recovery plant is now almost 120 tons of sulfur, 4,000 barrels of liquid hydrocarbon daily.

• Gulf Sulphur de Mexico, which is still in the process of building a $6.7-million sulfur extraction plant near Jaltipan in the State of Vera Cruz on the Mexican Gulf (*CW, Jan. 3*). Using the Frasch system, Gulf Sulphur's estimated production of 300,000 tons of sulfur a year, added to present Mexican output, should make Mexico the world's second largest sulfur producer by 1955.

• Soso Texcoco, which supplies quantities of soda ash, caustic soda, calcium chloride, potassium salts from the dried-up lake bed of Lake Texcoco, outside Mexico City (*CW, Sept. 12*). Quality is not what some customers would like, but daily production of some 100 tons of soda ash are eaten up by the soap industry.

• Beick Felix, a German firm, which stands today as a principal producer of sulfuric acid as well as a wide range of pharmaceuticals.

• Monsanto, which opened just last year to manufacture polystyrene, just added a vinyl plastics unit a few weeks ago. Basic materials are still being shipped from the U.S., but Mexican

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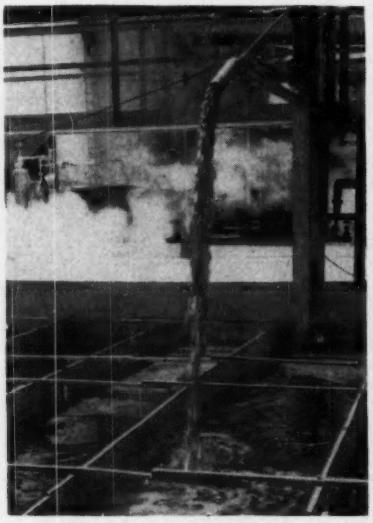
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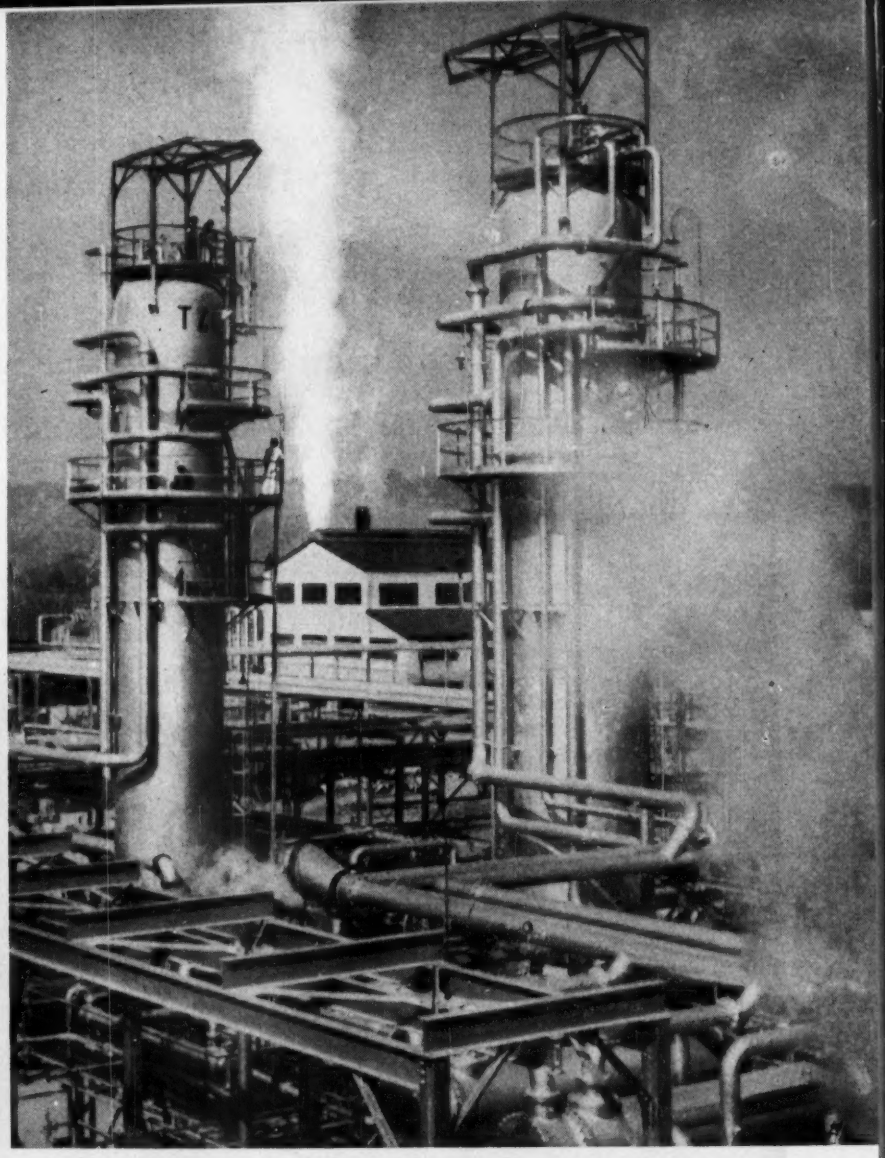
chemical observers say it may be the forerunner of a whole chain of new enterprises.

• Celanesa Mexicana S.A., which built a cellulose acetate yarn plant in Ocotlan, Jalisco in cooperation with Nacional Financiera, at a cost of $8 million. Last year output: more than 20 million lbs. of rayon filament.

An associated company (also controlled by U.S. Celanese), Viscosa Mexicana S.A. now turns out viscose and rayon staple at a rate of 24 million lbs./year; a third (Cellulosa Nacional) makes purified cellulose; a fourth will soon start production of vinyl plastic at Mexico City.

• Quimica Nacional, the governmental holding operation banding together seized German holdings, which has just recently secured permanent control. Its products range through almost every type of chemical—from epsom salts and soda to plastics and pharmaceuticals.



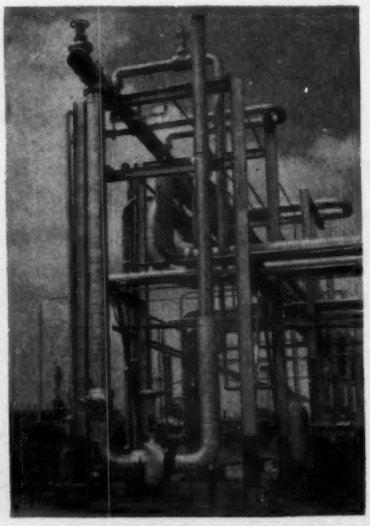


PERMEX: Mexico's oil monopoly at Posa Rica processes liquid sulfur (left), operates a gas treatment plant (above) . . .

• Smith Kline & French, Squibb, Sidney Ross, Winthrop-Stearns, Abbott, Parke Davis, Lederle—all with modern plants in Mexico City going full tilt. Result: import of packaged pharmaceuticals has practically ceased in Mexico this year, promises to vanish by 1954.

And just this week, movement is reported under way for consolidation of Celanese's Mexican affiliates. Company officials say no final arrangements have been reached as yet.

Products range widely; some operations use basic chemicals, others just package, compound ointments, liquids, tablets. But the search is on for a more extensive source of dependable raw materials. Most manufacturers concede they're making great strides, should be on their own within a year.



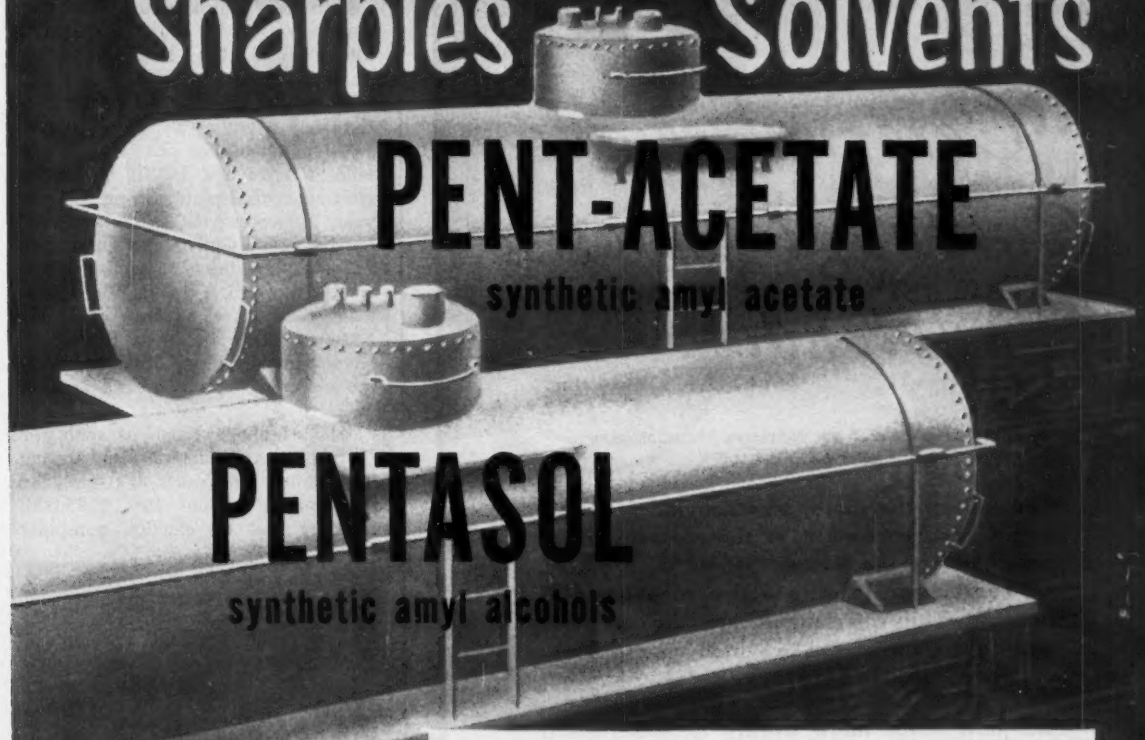
. . . runs a sulfur recovery unit.

Further Difficulties: Always a problem in a young industry, the lack of integration in Mexico's chemical industry causes headaches to efficiency-minded Americans. Their worried cry—that valuable by-products are being needlessly tossed aside, raising the cost of production—seems finally to be sinking through, though. This year, the government echoed the appeal, advised the industry to pattern itself after the state-owned Permex Co., which is adding sulfur recovery units to all its major oil installations throughout the country.

The Sidney Ross Co., S.A., a subsidiary of Sterling Drug Inc., is typical of American companies engaged in pharmaceutical production in Mexico. It produces almost all its medicines on the spot "except where physical volume of specialized formulas doesn't warrant it."

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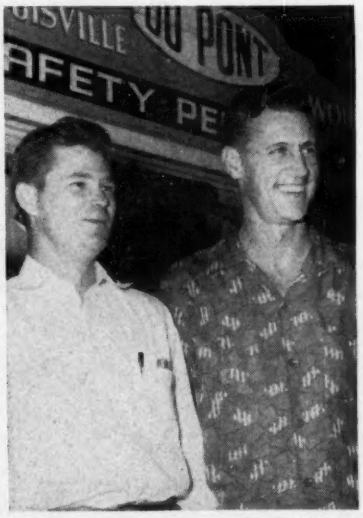
B&I. . . . . .

LABOR. . . . . .

Decision Dangling: There's still a future for nonaffiliated, one-plant unions in the chemical industry, but they can expect to be under unrelenting attack from the big, nationwide unions.

These appear to be the meanings of the recent voting by employees at Du Pont's neoprene plant near Louisville, Ky. In the fourth bargaining election at that plant during the past year, 740 votes went to the independent Neoprene Craftsmen's Union and 717 to International Chemical Workers Union (AFL); but ICWU is challenging 24 votes, so once again the National Labor Relations Board will have to decide on whether to certify the apparent winner or call another election.

Besides filing objections with the NLRB, the AFL union is also carrying its fight into the courts. It's suing the independent union for $225,000, claiming that an election pamphlet



NEOPRENE'S COOPER, PERRY: For independent unions, a new ray of hope.

issued by the NCU was libelous in referring to "labor racketeers." NCU leaders Lee Cooper and Earl Perry haven't replied as yet.

Meanwhile, the plant's 1,500 employees have been without union representation; but this hasn't seemed to hurt them. The company handed them an 8¢/hour wage increase two months ago, bringing average base pay up to $2.02/hour.

•

Warning on Wages: Although the average wage rate in all U.S. manufacturing industries held steady in June, chemical labor costs climbed upward again, according to latest of-

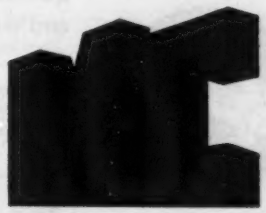
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ficial word from the Bureau of Labor Statistics. Average hourly earnings inched up one cent to $1.82, and average weekly earnings moved up 24¢ to $75.17. This marked the eighth consecutive month in which hourly rates increased in the chemical industry.

Similar wage trends in Canada prompted this warning from a Toronto industrial consultant: "A regular diet" of wage increases of 2.2% a year and individual output increases of only 1.75% a year will mean that the cost of living will be doubled every 12 years.

•

September Settlement: The coming of cooler weather coincides with signing of new contracts at a number of chemical plants where labor relations were marked by hot tempers during August.

• At Rensselaer, N.Y., the 985 members of ICWU Local 61 decided to end their 11½-month strike at Winthrop-Stearns, Inc., and at Sterling-Winthrop Research Institute. The new agreement calls for a 6½% wage increase now, another rise of 5¢/hour next June 7, a special 5¢ boost for chemical operators and group leaders, and certain seniority rules asked by the union.

• Further progress in pacification of the various groups of striking construction workers in Texas (*CW, Aug. 8*) is permitting contractors to try to get numerous chemical expansion projects back on schedule. Following the treaty with the 2,100 carpenters in the Sabine Lake area (*CW, Sept. 5*), the contractors have now come to terms with the 4,000 laborers in the Galveston-Freeport vicinity and the 200 operating engineers in the Beaumont-Orange area.

• At Carneys Point, N.J., where Du Pont employees had earlier threatened to stage the first strike in their plant's history, the company and the independent Collective Bargaining Agency came to terms. The 228 employees who had been earning from $1.37½ to $1.88½/hour are to receive a 5½¢ increase; 329 employees in the $1.89½ to $2.28½ bracket will get a 6½¢ rise; and nonexempt salaried employees are in line for a parallel increase of 2.9%.

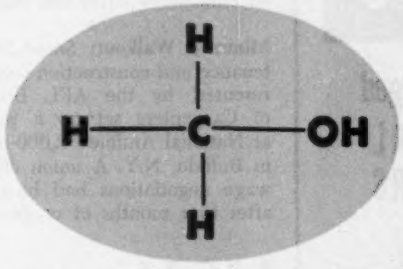
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Dollars for Dixie: Pay rates are going up in Southern chemical plants this week.

• Carbide and Carbon Chemicals is boosting wages in two localities. At Texas City, Tex., C&C employees will have a 4% across-the-board increase under a contract running to

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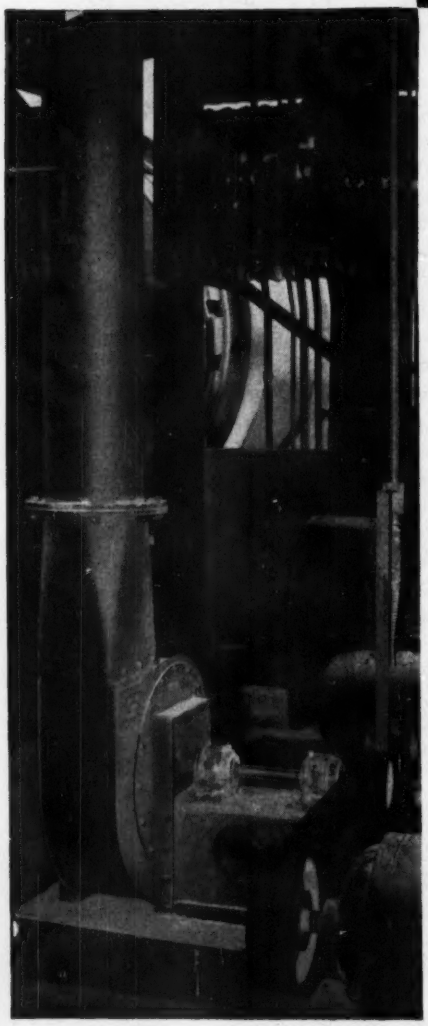
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B&I . . . . . .

Sept. 1, '55. Adjustments ranging from 7 to 10¢/hour are promised to about 10,000 employees at South Charleston and Institute, W. Va.

• Columbia-Southern Chemical Corp. and United, Gas, Coke & Chemical Workers (CIO) have agreed on a general 5% wage increase for approximately 500 employees at Corpus Christi, Tex. The old contract, which provided for an 11¢ boost, had ended an eight-week strike last winter.

•

Minority Walkout: Some 200 maintenance and construction workers represented by the AFL Brotherhood of Carpenters set up a picket line at National Aniline's 2,000-man plant in Buffalo, N.Y. A union official said wage negotiations had broken down after four months of conferences.

LEGAL. . . . . .

Ouster by Taxation: In two distant parts of the country, law-makers are pondering new tax measures of concern to chemical companies.

• In Baltimore, the City Council is contemplating an end to two property tax exemptions: one on manufacturing machinery, one on inventories. Some manufacturers say that a levy of $1 per $100 valuation on equipment and inventories would force them to move their plants out of town.

• Arizona's legislature, in its special session starting next month, will take up a proposal for a use tax, which in effect would extend the state sales tax to goods purchased in other states for use in Arizona.

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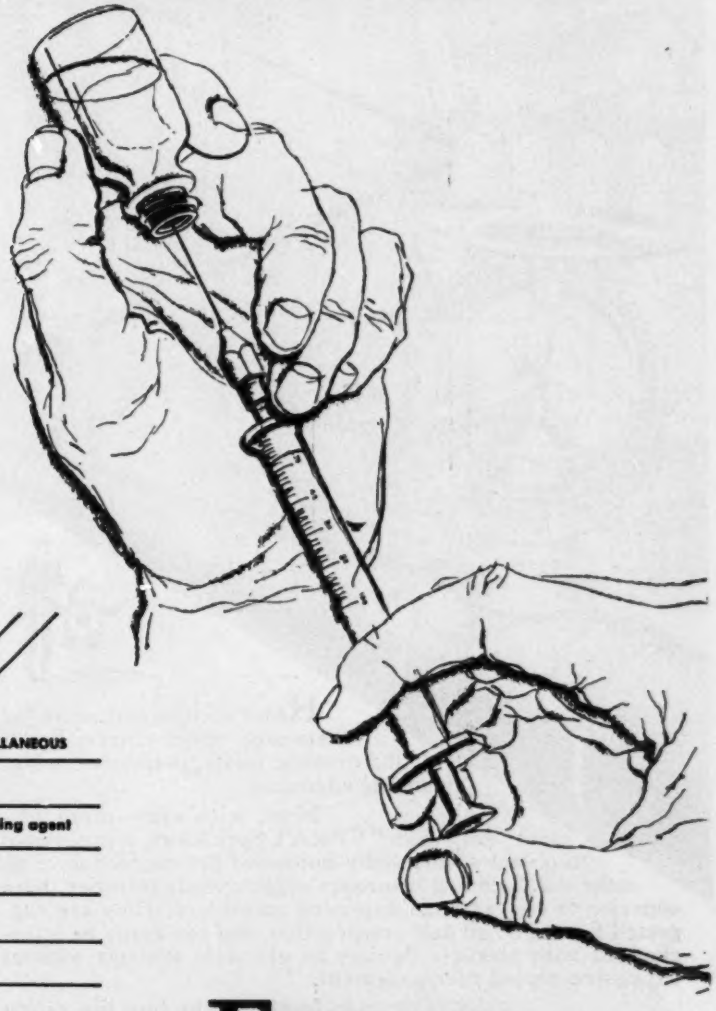
Chemical Firm Sued: Accusing a chemical manufacturer of negligence, James K. Miller of Milford, O., is suing the Van DeMark Chemical Co. of Lockport, N.Y., for $78,633 in Federal District Court in Buffalo, N.Y. Miller says that while working in the laboratory of Cincinnati Chemical Works, Inc., he suffered lung injuries caused by phosgene gas leaking from a container made and filled by Van DeMark.

•

Battle on Boric: Moves to require that drug store products containing boric acid or sodium borate be labeled "poison" have been defeated in several large cities, but the Food & Drug Administration is preparing to put out a national regulation to that effect. FDA is collecting medical evidence and opinion that use of boric acid in baby powders can lead to "severe symptoms and death," and that "symptoms may be minimal until a lethal or nearly lethal dose has been absorbed."

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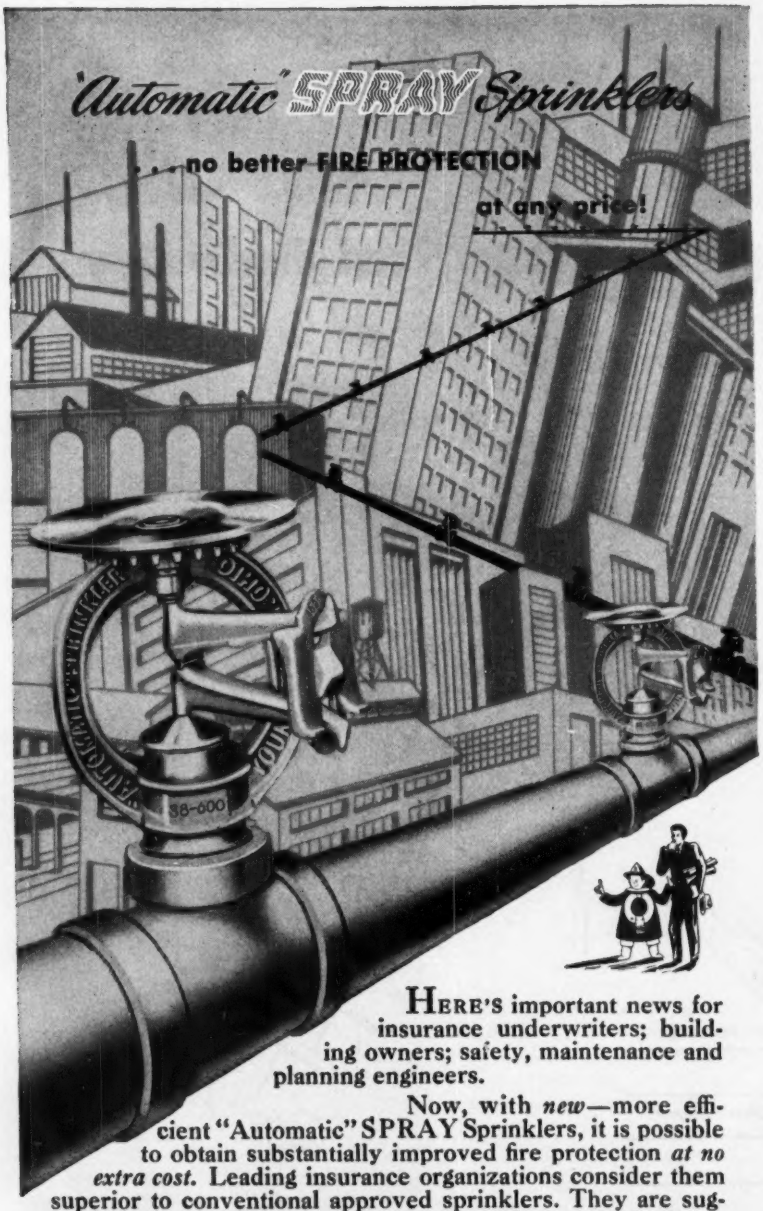
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acetanilide	■	■	■	■	
acetone	■	■	■	■	
ethyl acetate	■	■	■	■	
isobutyl acetate	■	■	■	■	
isobutyl alcohol	■	■	■	■	
isopropyl acetate	■	■	■	■	
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B & I . . . . . .

Oil and Aluminum: Two big antitrust suits, both of potential import to the chemical industry, are this week simmering in U.S. District Court in New York.

• The big oil companies accused of conspiring to form an international monopoly in petroleum products are vigorously contesting that civil action. Latest move was the filing of an answer by Socony-Vacuum, which hotly denies the charge, insists that world-wide expansion of oil companies has been possible "only by the dynamic energy of a competitive industry."

• Aluminum Import Corp., U.S. sales agent for Canada's big Aluminum, Ltd., has received permission to intervene in the Justice Dept's reopened suit against Aluminum Co. of America. Aluminum Import asserts that there's nothing illegal about its contract to sell 1,200 million lbs. of aluminum to Alcoa and another 373 million lbs. to Kaiser Aluminum & Chemical.

•

Growl on Pollution: Syptomatic of the national trend toward sternness in enforcing antipollution laws, the Michigan State Water Resources Commission is taking steps against Reichhold Chemical at Ferndale, the New York Central's roundhouse at Niles (alleged source of phenol wastes) and other plants accused of polluting streams with industrial wastes.

KEY CHANGES. .

R. W. Van Tuyle, to director and vice-president for manufacturing, Emery Industries, Chicago.

Robert Shapiro, to vice-president, Industrial Soap Co., St. Louis.

James Wilson, to production manager, Florida chemical phosphates department, International Minerals & Chemical.

J. F. Havard, to vice-president for manufacturing, Pabco Products, San Francisco.

Robert Gray, to factory superintendent, Metal Hydrides, Beverly, Mass.

Norman Hathaway, on leave from Davison Chemical to direct chemicals and rubber division, U.S. Dept. of Commerce's business service agency.

Thomas Bradley, to director of sales and promotion, **Arthur C. Emelin,** to director of operations, Pfizer Laboratories, New York.

Edward Gavin, to sales manager, Gallowhur Chemical, New York.

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All Directions from Ethane

There's been a battle royal between acetylene and ethylene for some time. Each is seeking to establish itself as the preferred building block of the petrochemical family. Now comes National Petro-Chemical, the $35-million offspring of National Distillers and Panhandle Eastern, with an array of processes that may give the two a chance to battle it out on the firm's home grounds in Tuscola, Ill.

The Tuscola plant is a pertinent example of how product begets product in the process industries. The initial project was to crack ethane to get ethylene and hydrogen; the ethylene would be put to work as raw material for ethanol and ethylene chloride.

That still left the firm with a lot of hydrogen. So National Distillers (60% owner of National Petro-Chemical) came up with a plan to use it in the synthesis of ammonia, which will be sold as is; also be used to make nitric acid and ammonium nitrate.

But the ammonia synthesis involved the purchase of an air separation unit built by Spayco, Inc., North American Division of L'Aire Liquide (Paris, France) for an estimated $750,000, which in turn will give National a supply of argon and oxygen. The argon will be sold to Air Reduction.

Acetylene on Tap? And according to National, the economics of the project are such that it will be a profitable venture even if the oxygen is vented. But that's unlikely; the company currently has several possible applications for the oxygen under study.

One of the more attractive uses for oxygen near cheap natural gas is to make acetylene via the Sachse process or some modification of it. Carbide and Carbon and Monsanto are doing just that, as will American Cyanamid in its new Louisiana plant. It's one of the proposals that National is studying right now.

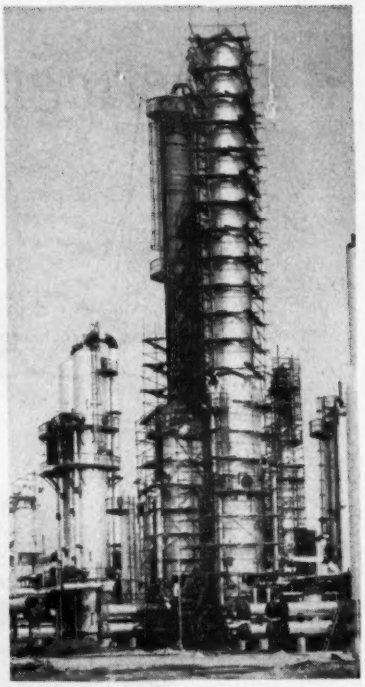
But though the acetylene project looks attractive, it's not the only one under consideration. National says it's looking into the possibilities of using oxygen in the partial oxidation of natural gas to hydrogen peroxide. No such process is presently being commercialized, but Du Pont, for one, went so far as to patent one (U.S.P. 2,533,581, *CIW, May 5, '51*). Other possible uses for its oxygen says National: production of synthesis gas by The Texas Co.-Hydrocarbon Research partial oxidation process, oxidation of ammonia to nitric acid.

Tuscola Timetable: There's no pressing need for a decision right now, however, for the ammonia plant itself is still on the drawing boards, won't be in production before the last quarter of next year. And meanwhile, National Petro-Chemical is pushing ahead with the rest of the plant.

The first unit, which recovers liquid hydrocarbons from the natural gas and separates them into ethane, propane, and butanes, has been in operation since July. Presently, the ethane is being pumped back into the pipeline. But when the chemical plant starts up late this month, it will be utilized to supply the ethylene and hydrogen.

It will start off at 40% capacity. When it hits its rated stride, it will be cracking 10 million cu. ft./day of ethane to produce 8,670,000 cu. ft. of ethylene and 490,000 cu. ft. of hydrogen.

Approximately 90% of the ethylene will be routed to ethanol production. The ethanol plant, which will come in around the middle of next month, uses a straightforward process involving the reaction of ethylene with sulfuric acid, then hydrolysis to ethanol. Sulfuric acid will be made on the spot in a plant designed by the National Distillers' U.S. Industrial Chemicals.



EXTRACTION UNIT: First of the family.

The remaining 10% of the ethylene will be reacted with hydrochloric acid in the presence of a catalyst to make ethyl chloride. This plant will go on-stream in November, is designed to make 50 million cu. ft./year of ethyl chloride.

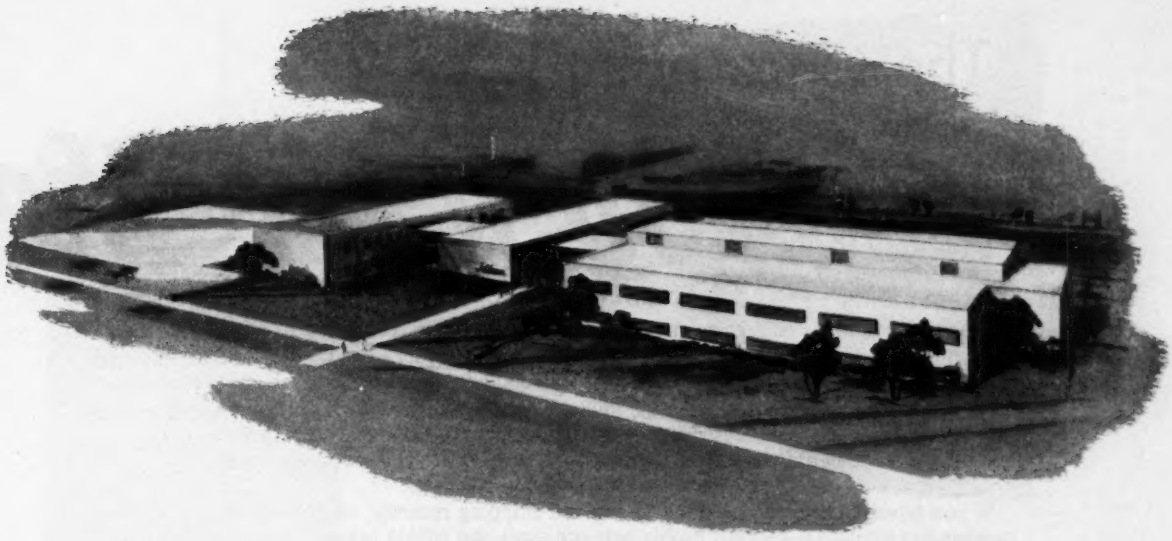
Settling on the Site: At Tuscola, National Petro-Chemical figures it has an almost ideal plant site. It's a small town (population: 3,000), but it's situated at a junction of two natural gas transmission lines, the Panhandle Eastern Pipe Line Co. and the Trunkline Gas Co. It's also located at the crossroads of U.S. Routes 36 and 45, at an intersection point for the B & O, the Chicago and Eastern Illinois, and the Illinois Central Railroads.

Water (9 million gal./day) will come from the nearby Kaskaskia River. Utility requirements will be met through a power plant capable of providing 600,000 lbs. an hour of steam at 625 psig. and 750 F.; two generators will provide 15,000 kva. of electricity. Compressed air will be available at the rate of 1 million cu. ft./day.

Moreover, three certificates of necessity for fertilizer plants have listed Tuscola as a site. International Min-

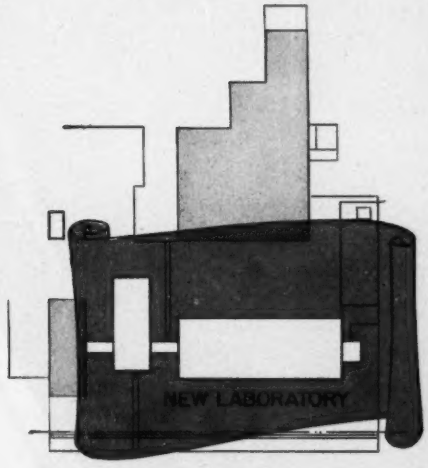
Building on By-Products

National Distillers will soon find itself in the ammonia-nitric acid business and probably others as a result of available by-product hydrogen from National Petro-Chemical. In so doing, it's following the trend of electrolytic caustic-chlorine manufacturers, which have recovered hydrogen from cells and used it to make ammonia. Mathieson has been doing that since 1925, Du Pont since 1926. In 1927, Dow adopted the process for its Pittsburg, Calif., plant. Pennsalt has been using by-product hydrogen from chlorine cells in the production of ammonia at Wyandotte since 1932. More recently, Columbia-Southern decided to try it at its Natrium, W. Va., plant. An outstanding example of integrating by-product hydrogen into its business can be found at Hooker, which markets it for a variety of purposes aside from using it as a raw material for ammonia.



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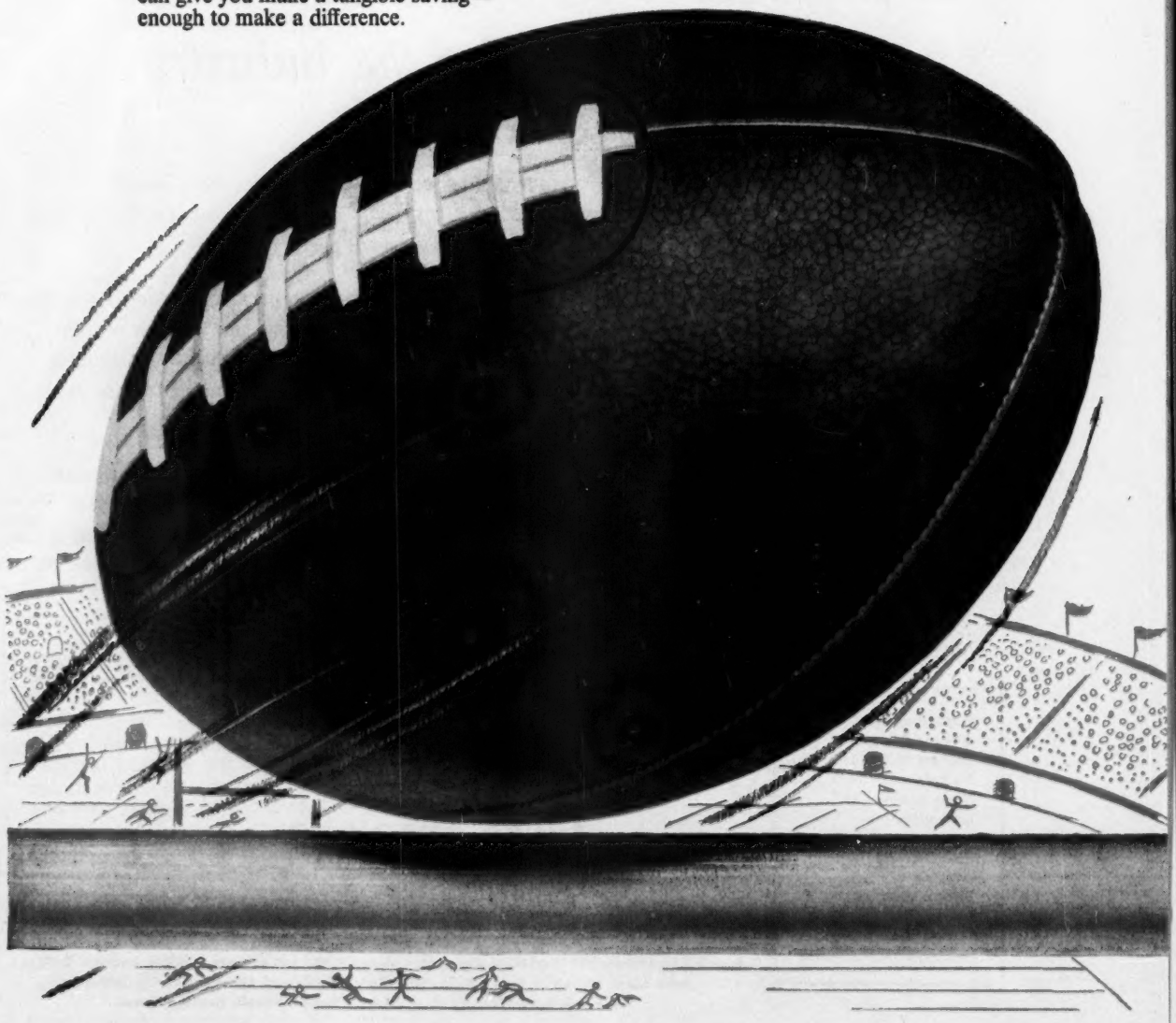
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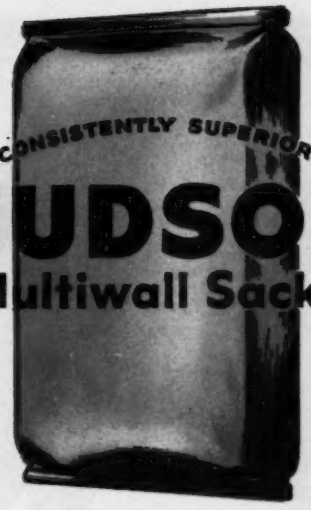
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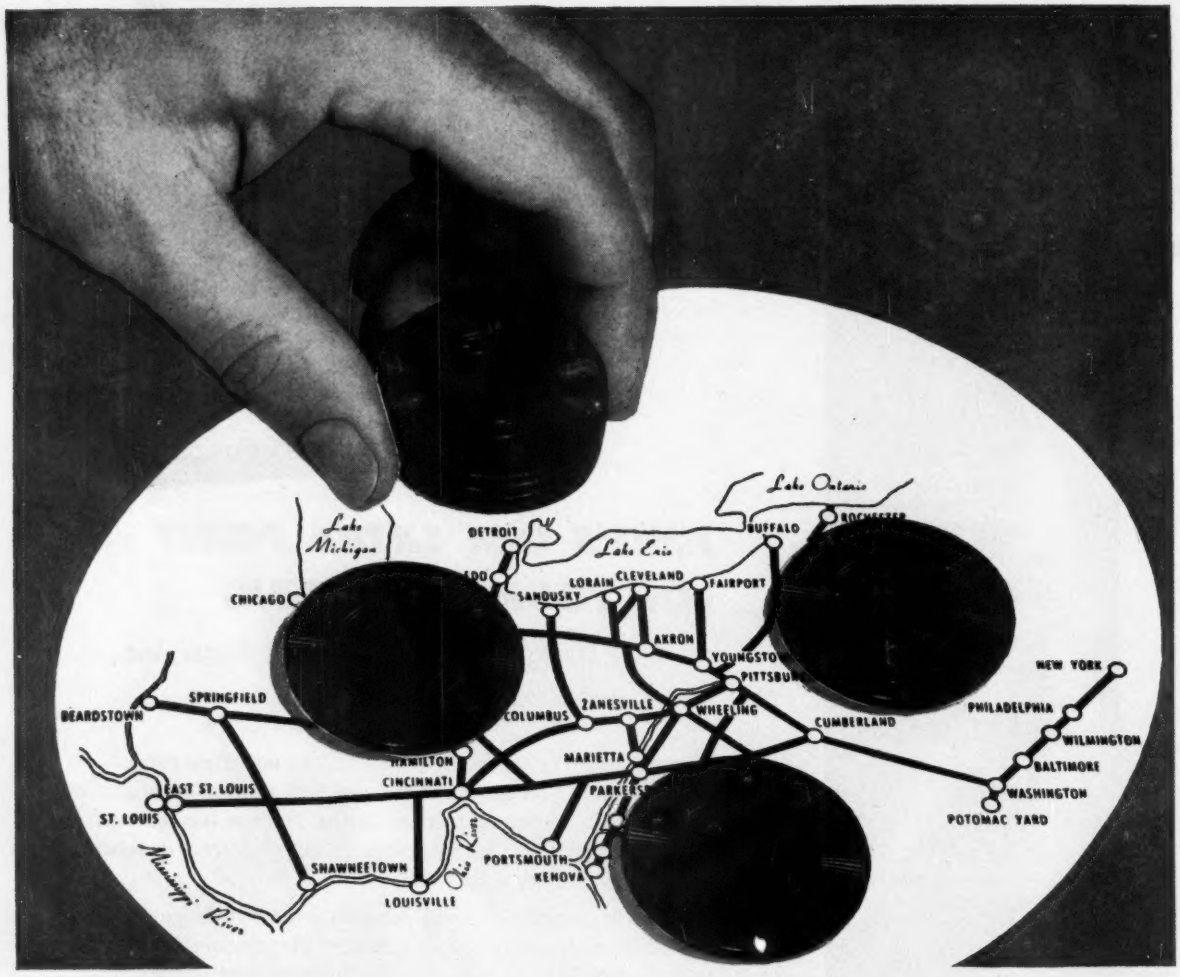
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erals and Chemical Corp. has received a $10,500,000 certificate for a nitrophosphate plant there, although it will not comment on the plant or verify that the site will be Tuscola. E. Rauh & Sons Fertilizer Co. has received a $1,928,000 certificate for a nitrophosphate plant as well as one for $916,000 on a regular superphosphate plant at Tuscola. It hasn't decided which one it will go ahead with, or if Tuscola will be the site. There's also a persistent industry report that one other firm is considering Tuscola as a plant site for a nitrophosphate plant.

Whoever decides to go ahead, National Distillers will be in an enviable position. In return for the new sulfuric acid it will supply National Petro-Chemical, it will get the nitrogen and spent sulfuric. Thus with its proposed production of ammonia, nitric acid and ammonium nitrate, it will be able to supply a fertilizer maker with almost anything he wants—spent sulfuric for a straight superphosphate, nitric acid for nitrophosphates, ammonia or nitrogen solutions for ammoniating regular super.

Day for the Plant

Meetings of the American Chemical Society are traditionally the place where researchers gather to exchange news and views. But at the 124th national meeting of the ACS in Chicago last week (*see also p. 88*), the plant man also had his day when representatives of The Babcock & Wilcox Co. (New York City) held forth on means of analyzing sulfur dioxide and sulfur trioxide contents of boiler flue gases; of determining carbon in an alloy of sodium and potassium; of laying down a plan for analyzing industrial water.

• Delivering a paper on behalf of himself and the firm's E. K. Diehl, R. E. Matty outlined a quick and easy method of checking the sulfur dioxide and sulfur trioxide contents of flue gases. As Matty points out, the sulfur content of boiler fuels has been on the increase, and the net result can be a serious corrosive effect on parts of the boiler. The method he proposes has been used in the field, has cut the analysis time from one day to an hour. Required equipment: small table, lab glassware, a source of distilled water.

• At the same meeting, a paper authored by B&W's K. G. Stoffer and J. H. Phillips (and delivered by the latter) dealt with the problem of formulating an analysis of industrial water. The plan they propounded came about at the behest of the American Society for Testing Materials,



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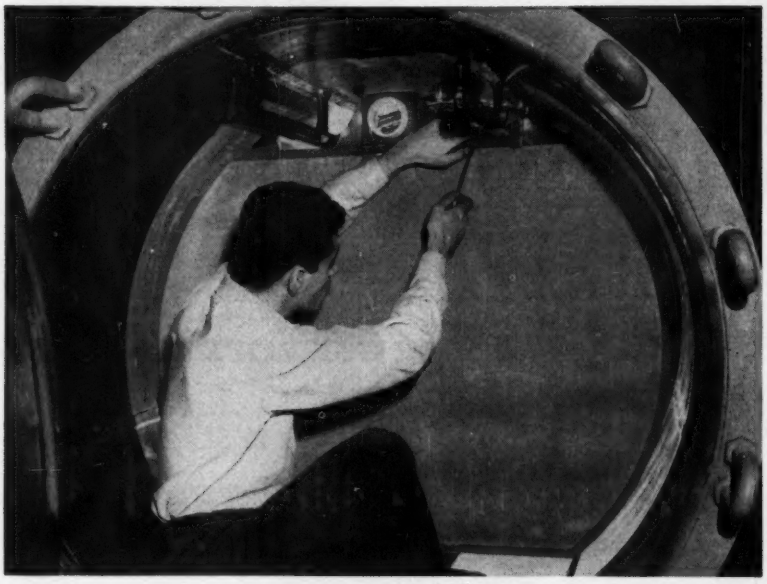
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PRODUCTION . . . . .

which appointed a task force to study the problem and appointed Phillips as chairman. It divides the properties and constituents into four principal categories, based on the type of sample or sampling required, and whether they're affected or unaffected by contact with the atmosphere. A system of lines and sample-group blocks associates properties and constituents with their appropriate sample group, also indicates possible successive analyses of several constituents from a preceding analysis. As the authors see it, the scheme will supply a basis for further studies dealing with water analysis and provide government agencies and industry a common ground for studying water quality in streams and other water supplies.

• Not so broad in application as yet, but also significant was the third paper, by the same team, Phillips and Stoffer, dealing with a recently declassified method of determining the amount of carbon in sodium-potassium alloy. The alloy is being widely explored as a heat-transfer medium in atomic power applications. One of the difficulties with it is that it has a tendency to transport carbon also. This means it can weaken steels by removing carbon, or it can add carbon to other metals where it would be harmful. Briefly, the method of analysis consists of burning a sample of the alloy in an atmosphere of oxygen. The carbon is converted to carbon dioxide, which is absorbed and weighed. But to perfect it, said Stoffer, the firm had to design and construct new equipment and the engineers had to devise methods of accurate sampling of the molten metal. They also had to learn how to handle it safely.

EQUIPMENT. . . .

Recording Turbidity: Just out from General Electric (Schenectady, N.Y.) is a recording turbidimeter that continuously reads the number of particles suspended in liquids, records it permanently. It can be used in conjunction with a visible or audible alarm for monitoring and control. G. E. sees it finding a place in any process where turbidity is a factor. Specifically, it suggests it for: chemical and paper plants where turbidity affects the processing; water treatment plants; monitoring of wastes dumped into streams or lakes; detection of oil contamination in boiler feedwater; processing where filter efficiency must be monitored.

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Dewaxing Aid	Ethyl Ether	Butadiene
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•

Portable Filler: Between 15 and 55 containers per minute (depending on product and size of container) can be filled, says The Filler Machine Co., (Philmont Club Station, Pa.), with its new semiautomatic filling machine. It's a portable designed to handle chemicals, paints and other products of the process industries. Features the maker claims for it: easy cleaning, simple and quick change over to different liquids, economical operation. All contact parts are made of stainless steel or Monel. Filler Machine thinks it will fit nicely in plants where a fully automatic filler would be too expensive for the job.

•

New Dust Collector: Pangborn Corp. (Hagerstown, Md.) has a new dust collector that's said to answer the problem of continuous, automatic dust collection. Named the CH-3 collector, it uses the principle of reverse air flow for continuous cleaning of its filter cloths by means of a traveling manifold whose reverse air blowers suck air from the clean side of the collector. The manifold covers three vertical rows of cloth-covered screen frames at a time, and the reverse air flow is blown through the center row of screens while normal flow through the other screens is prevented. That's done by a flexible diaphragm on the manifold that's inflated against the grid wall under flow of pressure when the blower unit is centered on a given row. The result, says Pangborn, is a unit that permits safe, efficient collection with low operating and maintenance costs.

•

Pneumatic Aid: Pantex Manufacturing Co. (Pawtucket, R.I.) is bringing out what it considers an aid for designers and users of pneumatically operated equipment. Tagged the Wobble-Rod Valve, it has, for opening or closing the valve, a lever that is a hardened rod so swiveled that the free end can move vertically, laterally, diagonally or in arcs or circles. Thus, the valve can be actuated by all manners of motion. The internal exhaust valve can automatically discharge an engineering and majoring in materials handling, will cover tuition costs for the last two years of college. The purpose: to encourage interest in the field among student engineers.

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air cylinder, line or receiver when the valve closes, can be eliminated to hold air pressures after the valve has performed its function.

•

Now It's Standard: From now on, says Mine Safety Appliances Co. (Pittsburgh), demand-type oxygen and air masks will come complete with speaking diaphragms as standard equipment. A diaphragm facepiece has been standard for some time on the firm's Chemox apparatus, which generates its own supply of oxygen. As MSA figures it, a worker who can communicate to other workers while wearing a mask is more efficient. The facepieces also serve to boost worker morale, it says.

•

Protected by Poly: Latest use for polyethylene, says CaPlugs Div., Protective Closures Co., Inc. (Buffalo) is in its red CaPlugs as a protection for threading, tubing ends and fittings. They're nonthreaded, come in standard sizes to fit diameters ranging from ⅛ in. to 1½ in., can be had in special sizes up to 3½ in. A newer threaded line is available in sizes from 5/16 in. (24-thread) to 2½ in. (12-thread). They're useful, says the manufacturer, as duct and moisture seals, shipping protectors for delicate fittings, and dipping process inserts; and for masking threads and parts during paint spraying.

•

Centrifugal Freezer: Carrier Corp. (Syracuse, N.Y.) is extending the range of its centrifugal refrigerating machines with the addition of a new, smaller line ranging between 75 and 200 tons. (Its present line covers sizes from 200 to 2,000 tons). The Carrier centrifugal, says the maker, is the only one in this size range that can be connected to any type of drive desired: electric motor, diesel or steam turbine. It adds that the centrifugal can be adapted, with synchronous motors, to automatic constant speed so that the building or plant power factor correction can be furnished when desired. In keeping with its practice, Carrier will handle servicing and installation of the new line.

•

Materials Grant: Granting scholarships to college students is an old story for processing firms, not so common among equipment manufacturers. But the Clark Equipment Co. (Buchanan, Mich.) has done just that. It has set up a $2,000 scholarship fund at the Illinois Institute of Technology for students majoring in materials handling. It will be awarded to juniors working toward a degree in industrial



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PHOTOS—LIONEL CRAWFORD

INTELLIGENT selection of agent for evaluation isn't easy. Group has thousands of potential herbicides to screen.

RESEARCH . . . . . .

Moving the Mountain to Mohammed

It would be convenient but highly impractical to maintain a different research laboratory for each set of experimental conditions likely to be encountered in the development of a commercial product. Agricultural chemicals manufacturers, for instance, would have to build complete research setups in each climate where their products find use. Propositions of this kind are expensive, to say the least, and unwieldy in the bargain.

Most "ag" chemicals producers do the next best thing, send their neophyte insecticides, herbicides, etc., to a flock of outside experiment stations for field testing.

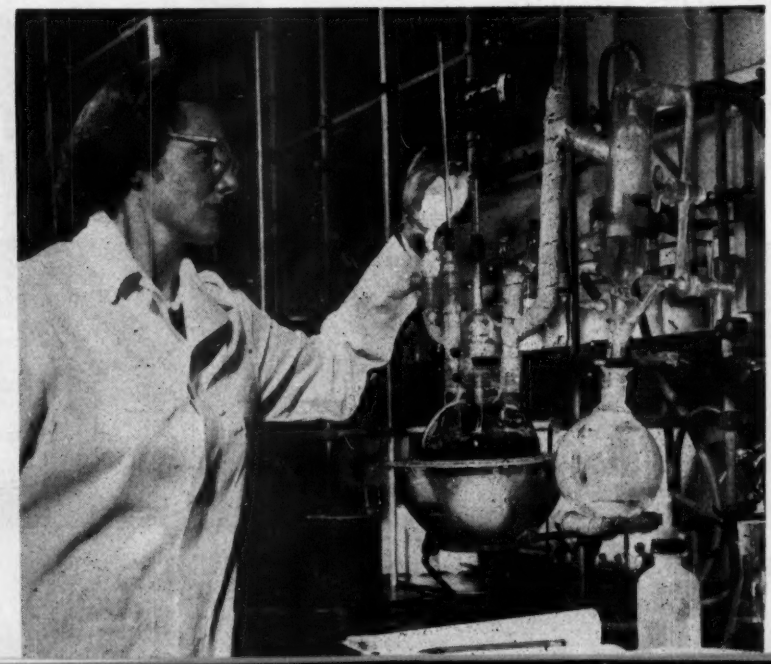
But American Cyanamid Co., for one, is making at least a partial break with convention, has moved the seashore as well as the mountain to Mohammed. In its agricultural chemicals research laboratories at Stamford, Conn., Cyanamid has facilities for simulating a broad range of environmental conditions.

The last word in "ag" chemicals layouts, Cyanamid's new facilities can all but guarantee successful results.

How the various components of the research center work together in the development of a new agricultural chemical is shown on this and the following page: the CW CAMERA has caught a new herbicide in the making.

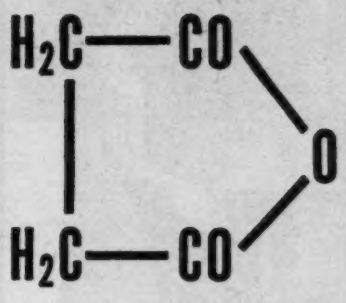
Specially designed chambers permit careful control of light, temperature and humidity for evaluating the efficacy of test compounds under realistic weather situations. And, in a carefully conditioned room, Cyanamid researchers raise their own insects for sacrifice to hopeful new toxicants. Moreover, the new laboratories include thermostatically regulated greenhouses, outdoor field plots, and an arsenal of spraying and dusting equipment.

Nearly two years under construc-



SYNTHESIS of related compounds pinpoints activity of structural groupings.

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Pharmaceutical Intermediate



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SUCCINIC ACID ANHYDRIDE

Molecular Weight 100.1 *Practically-white flakes*
Solidifying Point 117.5°C *Slightly soluble in solvents*

This reactive chemical now has many uses in pharmaceutical and food chemistry. Its interesting molecular structure commends it to those who work with esters, salts, acyl compounds, succinyl derivatives, lactones, pyrroles and the like. It should also be considered as a raw material leading to five-membered cyclic structures.

With ample basic production and many years experience in Succinic (as well as Fumaric and Malic) Compounds, we welcome inquiries that may lead to wider use of these versatile chemicals. Technica data and working samples will be sent upon request.

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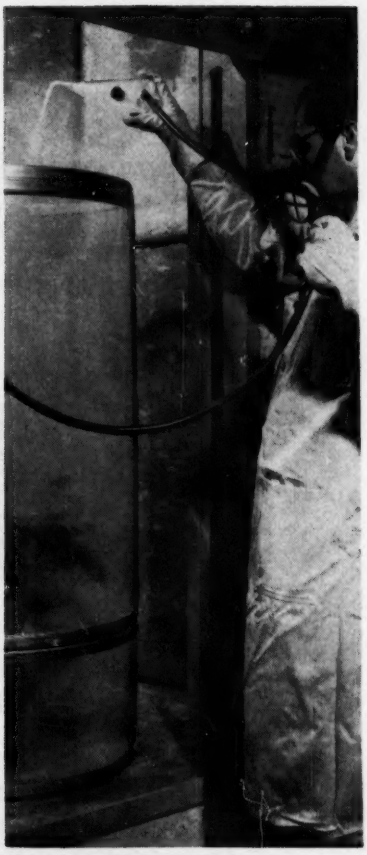
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for your examination
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which has many
interesting possibilities
in chemical syntheses.



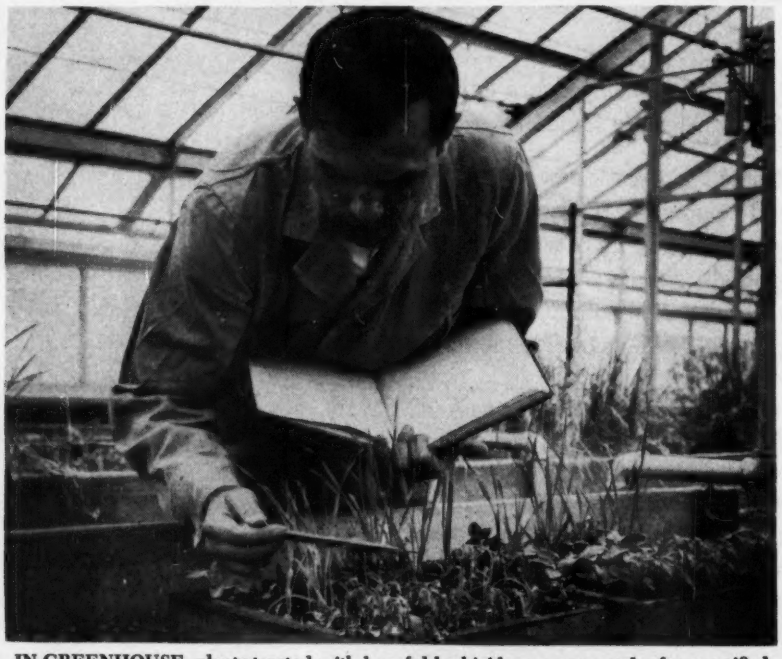
ENVIRONMENT control begins with steam sterilization of test plant soil.



PLANTS grow in constant temperature chamber, are unaffected by season.

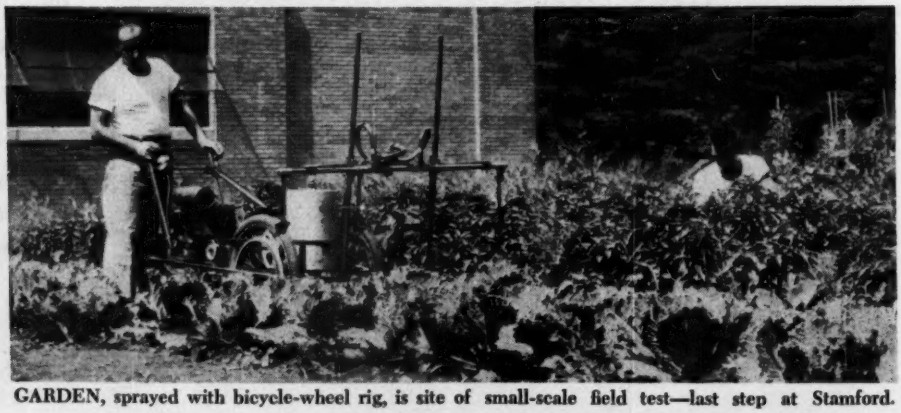


TEST agent is carefully dusted (above), or sprayed on plants by special devices.



IN GREENHOUSE, plants treated with hopeful herbicide are compared, after specified period, with controls. Researcher notes magnitude and type of injury in each case.

tion, the new Stamford laboratories are housed in a two-story reinforced concrete building. Two adjoining greenhouses give a total of 21,000 sq. ft. of working area. Provision has been made, reports Cyanamid, for building additional greenhouses in the future. Though separated from the main Stamford laboratories, Cyanamid's "ag" chemicals researchers are by no means isolated. As part of the consolidated research setup, they'll have the benefit of the center's engineering as well as special research facilities.



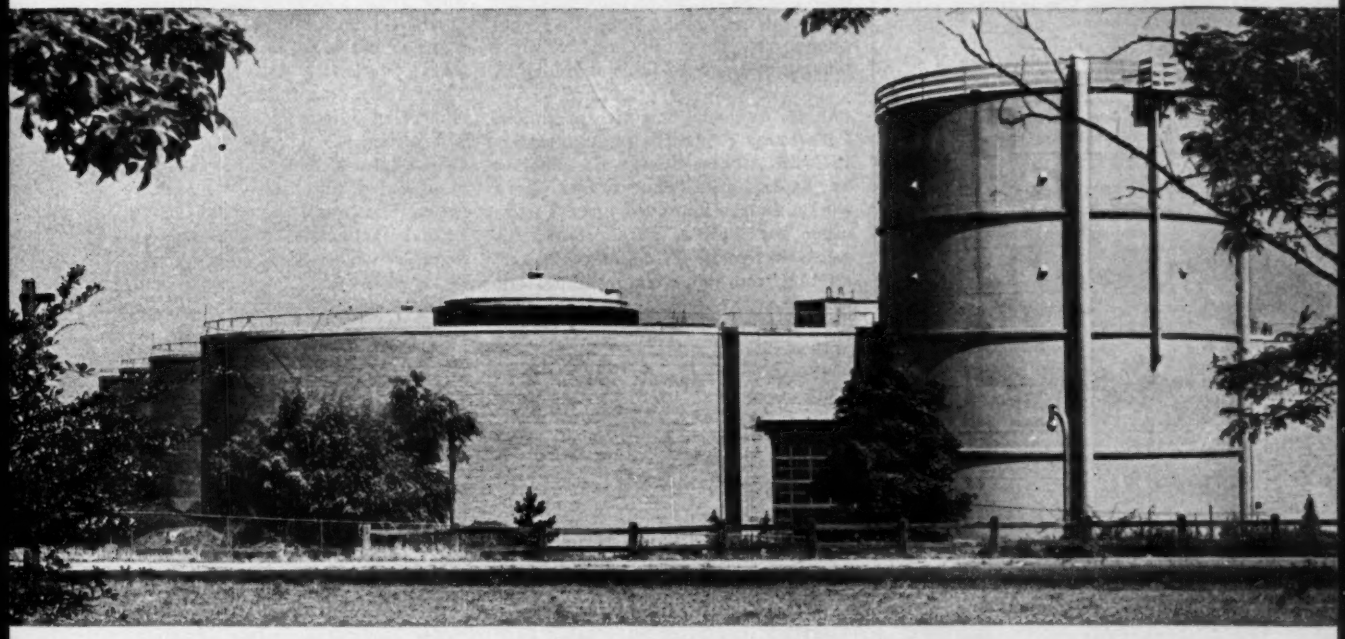
GARDEN, sprayed with bicycle-wheel rig, is site of small-scale field test—last step at Stamford.



no. 2 *of a series*

GUIDES TO GASHOLDER PLANNING

"'Sore thumb' gas works hurt community relations . . .



How about a good-looking gasholder?"

Residents of an eastern city were aroused when word spread that a sewage digester gasholder was being planned in their neighborhood. They visualized a "sore thumb" superstructure with rigging looming high overhead, thought of property values skidding because they'd have an ugly, old-fashioned gas works as a new neighbor. Their protests posed a serious problem in community relations for the company.

The installation of a handsome, compact Wiggins Gasholder solved the problem to everybody's satisfaction. The only truly *modern* gasholder, the Wiggins gasholder is not only safe, efficient and economical but—due to its simplicity—it's also *good-looking*. *Dry* fabric seal and self-aligning piston eliminate unsightly exterior mechanisms required for other types of gasholders. For complete facts, write General American.

Wiggins Gasholder

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For Pharmaceuticals and Foods

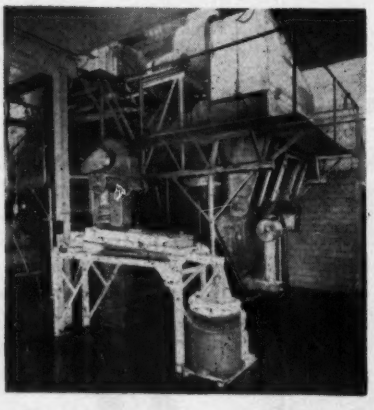
High Nitrogen Casein—30 and 80 Mesh. A specially prepared casein particularly free from non-protein impurities. Used in prepared foods and dietary supplements.

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Sodium Caseinate Edible Powder. A spray-dried powder, this soluble form of high-quality Sheffield casein is bland in flavor, light in color and is readily dispersible in water. The edible quality makes it particularly suitable for use in foods and pharmaceuticals, either as a concentrated source of animal protein of high biological value or for its emulsifying and foam stabilizing properties. Uniform particle size.

Calcium Caseinate Edible Powder. A water dispersible calcium salt of Sheffield casein in spray-dried form. Contains approximately 90% animal source protein of high biological value. An edible product suitable for use in foods and pharmaceuticals.

Potassium Caseinate Edible Powder. A spray-dried potassium salt of Sheffield casein, edible quality—water dispersible. Contains approximately 90% protein.



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RESEARCH

New Initiators: Diazonium fluoborate in the presence of hydroquinone or ferrous ammonium sulfate is an active initiator of vinyl polymerizations. That, in essence, is the finding of chemists at University of Illinois. The Illinois researchers tested a number of substituted benzenediazonium fluoborates, found that most could bring about polymerization in the absence of activators.

•

On the Way: The first tank car of high-boiling phenol mixture from Carbide and Carbon Chemicals Co.'s coal hydrogenation pilot plant has rolled out of Institute, W. Va. Destined for resin production, the mixture contains: indanol-4; indanol-5; 3-methyl-5-ethyl phenol; *m*-propyl phenol; *p*-propyl phenol; and several other ingredients.

•

Radium Advance: Scientists of Mound Laboratory (Miamisburg, O.), operated for Atomic Energy Commission by Monsanto Chemical Co., have worked out an improved process technique of radium purification. It's called precipitation from homogeneous solution, represents a substantial advance over the Curie fractional crystallization method of separating radium from barium. According to Mound researchers, commercially pure radium can now be separated in a few days from a mixture containing only 10 parts of radium per million parts of barium.

•

Neophyte: Smith-New York Co., Inc. (Freeport, N.Y.) has just launched large-scale production of the diethyl ester of acetonedicarboxylic acid (ADA). Other esters are available in laboratory quantities. ADA takes part in all β-keto-ester reactions, is useful in the synthesis of alkaloids, pyrazalones, piperidones, and a score of symmetrical ring compounds. End use possibilities: in the production of allethrin-type insecticides; and for the preservation of certain foods.

•

Stepping Up: Antibiotics for non-medical applications are a step closer to commercial reality with the distribution of a streptomycin-terramycin formulation for field tests against orchard diseases. The product, Chas. Pfizer & Co.'s Agrimycin, will be made available (free) for the treatment of 100,000 fruit trees by March of next year. National marketing of the antibiotic combination will mark time until field test results can be evaluated.

•

Search No More: Add Research Information Service (New York) to the list of professional literature searchers. RIS will search and abstract in all branches of chemistry, is for the first time offering these services to all comers.

•

Colorful Find: Two hitherto undescribed species of *Streptomyces* have yielded a new experimental antibiotic. It's called chartreusin, after the chartreuse-colored mold from which it was extracted by a team of Upjohn Co. (Kalamazoo, Mich.) researchers. Activity of the new antibiotic is centered against gram-positive bacteria and mycobacteria.

•

Slick Trick: Chalk up the first purely chemical synthesis of sucrose to a pair of chemists representing Canada's National Research Council. They're R. Lemieux and G. Huber, who started their successful synthesis by heating tri-O-acetyl-D-glucosan with 1,3,4,6-tetra-O-acetyl-D-fructofuranose in a sealed tube at 100 C for 104 hours. The products were deacetylated and fractionated by paper chromatography. Acetylation of the fraction expected to contain sucrose, followed by fractionation and crystallization yielded sucrose octa-acetate. Deacetylation readily gave sucrose. Though a slick feat of carbohydrate chemistry, the synthesis has little practical importance.

•

No Escape: Trace quantities of sulfur compounds are easy prey to Tritilog, a new electronic instrument developed by Consolidated Engineering Corp. (Pasadena, Calif.). Capable of spotting sulfur in concentrations down to 1 part in 10 million, the device could bolster industrial safety programs, play a part in research and process control in a number of fields.

•

By-Product Out: Ketene, free of by-product, is the result of a new Celanese Chemical Corp. synthesis based on controlled pyrolysis (at 500-510 C) of acetic anhydride. Key factor: rapid separation of reaction products to prevent their recombining. Conversions vary, depending upon rate of flow, from 17% to 31% with corresponding efficiencies of 80% to 96%.

•

Nothing Wasted: Two methods of recovering sulfuric acid from phosphogypsum, by-product of wet-process phosphoric acid manufacture, are slated for pilot-plant evaluation by Tennessee Valley Authority (Wilson Dam, Ala.). Both involve heating phosphogypsum with silica to produce sulfur dioxide. The fusion process, more promising of the two,

Keys to efficient production

Frequently the keys to more efficient production are found in more reliable chemicals.

This is one reason why more and more users of chemicals are turning to Niagara.

a case in point...

NIALK CAUSTIC POTASH: The production of new and improved types of synthetic rubber requiring potash soaps has led to an increasing demand for NIALK Caustic Potash because its soaps are more soluble than comparable soda soaps, and less viscous at the same solids concentration.

Constant research, strict quality control and a knowledge of the needs of industry have made this and other NIALK products leaders in their fields.

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requires a third ingredient—raw phosphates. It's more elaborate than calcination, the other candidate for evaluation, but yields a phosphate slag that might serve as fertilizer.

•

Scoring on TB: Researchers of Hoffmann-La Roche, Inc. (Nutley, N.J.) are scoring significant new gains in the chemotherapeutic fight against tuberculosis. At the American Chemical Society's national meeting (Chicago) last week, Hoffmann-La Roche chemists Gardner, Wenis and Lee revealed the discovery of thioisonicotinamide, a new experimental anti-TB agent. First thioamide to show anti-TB activity, the new compound is about one half as active as isonicotinic acid hydrazide. It's too early for clinical tests.

• Also from Hoffmann-La Roche comes word of a prolific new group of tuberculostats. Researchers H. Herbert Fox and J. T. Gibas synthesized 21 alkylidene and arylalkylidene derivatives of isonicotinic acid hydrazide, found that all possessed tuberculostatic activity. The discovery opens a fertile field for potential TB drugs; scores of analogous compounds may be synthesized by simply substituting different alkylidene groupings for the hydrazide's terminal hydrogen atoms.

•

Transistor Beamed: New and better transistors and related electronic devices may eventually spring from fundamental research now under way at National Bureau of Standards. Bureau researchers are delving into semiconducting metallic compounds, have already studied such representatives as indium-antimony, gadolinium-antimony, aluminum-antimony, and cadmium-antimony. Results thus far point to the existence of a number of potentially useful compounds to augment silicon and germanium in electronic applications.

•

All Clear: North Carolina State College's (Raleigh) nuclear reactor has just started up. The reactor, ready since May, could not operate until contracts for fuel were cleared with Atomic Energy Commission (*CW, Aug. 15*). Under terms of the final agreement (to run until June 30, '54), AEC will lend fissionable material to the college for use in a program of research and instruction.

•

Concrete Goals: Ideal Cement Co. has just put the finishing touches on its new, $0.5-million research laboratories and pilot plant at Boettcher, Colo.



SPECIFY THE AMERCOAT METHOD— Designed to Give You *PLUS* PROTECTION

Ordinary methods for controlling corrosion usually produce the ordinary results—rapid paint failure, costly replacements, product contamination, excess down-time, and hampered production. Halfway measures and the use of one or two general purpose coatings simply cannot provide adequate protection against corrosion's ceaseless attack.

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Write today for the name and address of the AMERCOAT representative in your area. At no obligation, he will gladly help you analyze your corrosion problems and evaluate your present control measures. If it is determined that you have a problem within our scope of experience, he will outline a complete program of AMERCOAT's PLUS protection for your plant or equipment.

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Color 5¼" Lovibond Red	2 — 4
Color 5¼" Lovibond Yellow	10 — 30
Color Gardner 1933	2 — 4
Color Gardner 1933— After H.T. to 500°F.	4 — 4
Unsaponifiable	0.3%— 1.5%
Saponification Value	198 — 202
Acid Value	197 — 201
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SPECIALTIES . .

Market for Sudslessness

Popularity and practicality of automatic launderers and dishwashers has depended on suitable detergents—and it's a two-way street, for low-foaming synthetic detergents have also enjoyed steadily rising sales.

The growing market has caught the eye of more than one major soaper—P&G recently trademarked the name Duz-O-Matic (it declares that it is not contemplating marketing any sudsless detergent immediately, however), and one of soap's Big Three may offer a Pluronic low-foam detergent next year. Still another indicates it may offer such a product soon.

Consumption of the low-foamers is still small compared with that of more versatile heavy-duty products, but the potential market is good: the past five years have seen better than 8 million automatic washers installed in American homes; and for the first time, last year's sale of automatics exceeded that of conventional machines. Further potential is added by home automatic dishwashers. McGraw-Hill's *Electrical Merchandising* estimates that there are only 1,253,000 machines now in homes, but chances are that the slow-moving dishwashers will be in for extra-heavy promotion in coming years.

One leading producer of detergents figures that an automatic washer will use about 45 lbs. of its product per year. Multiply that by 8 million, and a potential is reached that is almost a quarter of current yearly synthetic detergent sales. Add to this the requirements of dishwashers—about 8.8 lbs./year—and you have a plump market indeed. It is plain, however, that current sales of the sudsless detergents are only a fraction of this.

Shelf-full: The housewife has a pretty wide choice of products for her automatic washer. The heavy-duty synthetic detergents, such as Tide and its competitors, are frequently employed, and in spite of the fact that they are not particularly formulated for automatics, they appear to give generally satisfactory service.

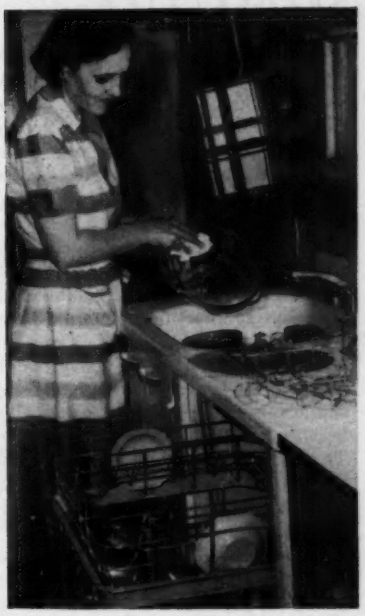
Of the detergents specifically worked out for automatic washing machines, the most commonly known is All, made by Detergents Inc. (a Monsanto-owned corporation), Columbus, O. It was created by Monsanto about 1947, when the automatics were making their first real impact, and was designed to meet requirements of "horizontal" machines like the Bendix and Westinghouse Laundromat.

Representative of the many other products sold for washers are Fun, made by Economics Laboratory (St. Paul, Minn.); Spin, by Climalene Co. (Canton, O.); Onlywun, by Wetalene Laboratories; and Favady W-701, by Barton Chemical Co. (Chicago).

The dollar value or poundage of these is not available, but competitive sources indicate that 60-70,000 tons of All are moved yearly, and it is the firmly established leader in the field.



LABOR-SAVERS: De-emphasis on suds for 8 million washers.



DISHWASHERS means a burgeoning market for specialized detergents.

No Shortage Here: There is as wide or wider a selection of detergents for use in dishwashers. Most of these are powders, such as Calgon Inc.'s Calgonite (introduced in 1934) and Thanx; Economic Laboratory's Soilax, Electrasol, and heavy-duty Finish; Barton Chemical's Favady D-36; and Wyandotte's Salute. In addition, some of the washer detergents are suggested for dishwashers.

Antara Chemicals, division of General Aniline & Film Corp., introduced its liquid synthetic detergent Chat in 1948. Sold principally in quart cans, the liquid is most frequently dispensed from a small brass cup, which is inserted in the washbasket. Antara isn't hiding the fact that it would like to get this growing baby off its lap and into the hands of a firm better equipped to sell retail—as it did with its other dishwasher, Glim.

Holding the Head Down: Several formulations have been worked out to give restricted sudsing products. Nonionics are particularly useful—All is such a nonionic, formulated of Monsanto's Sterox AWS, which is a built polyoxyethylene ester. Climalene's Spin is a similar nonionic made with one of the Sterox series.

Wyandotte suggests its nonionic Pluronics for low sudsing-detergents. A typical product would contain 10-15% Pluronic, 2-5% alkyl aryl sulfonate, 20-30% tripolyphosphate, 2-3% carboxymethylcellulose, 5-10% metasilicates, with other alkaline products. Another suggested product can be made of fatty acid sulfates, tripoly and other phosphates, plus a nonionic like Sterox.

For firms that simply want to package a low-sudsing detergent, Blockson Chemical Co. (Joliet, Ill.) offers Teox–tripoly, silicates and ethylene oxide condensate of tall oil. Other nonionic manufacturers, of course, suggest formulations making use of their own products.

China Specials: There is considerable variation in composition of dishwashing compounds. Calgonite is essentially sodium hexametaphosphate with complex phosphates. Considerable interest has been shown lately in products based on chlorinated trisodium phosphate, along with alkalies and polyphosphates (example: Thanx). But generally speaking, sodium tripolyphosphate, sodium metasilicates, soda ash and the like comprise the common product.

Antara's Chat is a low-sudsing compound based on an anionic detergent–its Igepon CN-42, which is an alkyl amide sulfonate. It, too, is built with phosphates and silicates.

Suds or Not: Selling the housewife on the value of low-sudsing compounds hasn't been achieved easily. She seems to count on suds as a measure of the effectiveness of her laundering solution, and in hand dishwashing in particular, suds are synonymous in her mind with a successful product.

Illustrative was the change in Glim formulation to make more suds–evidently the housewife demanded the sparkling white blanket of suds to conceal the dirty gray dishwater below.

Suds, nevertheless, can be a serious drawback in automatic labor-savers. They can flood certain types of washing machines, and they provide a cushioning effect in dishwashers that seriously interferes with cleansing action.

But suds have been promoted so vigorously in recent years that at least one firm has given up on trying to sell its low-suds detergent.

The cost of establishing a new detergent is high enough as it is; to buck the pitch of major soapers can be discouraging indeed. All, however, is in the fortunate position of being recommended by the makers of a number of automatic machine makers.

Happily for makers of low-sudsing detergents, zealous appliance salesmen know that only the proper detergents will give them satisfied customers, and hence they recommend low-suds products. And promotion will hit high gear if and when the Big Three soapers decide that the market is plump and tempting enough for them to step in–very possibly in the near future.



PARSEKIAN, KIERNAN, RUEBENSAAL: On the laminate team.

Laminate Unlimited

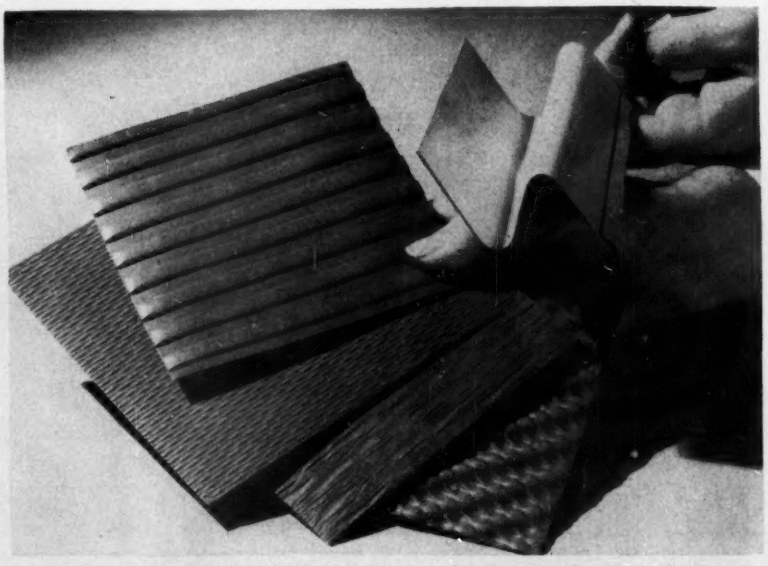
Bonding vinyl plastic and metal sheeting in a new process, U.S. Rubber Co.'s Naugatuck Chemical Div. has come up with a decorative, permanently rust- and corrosion-proof laminate.

The new process combines the structural strength of metal–steel and aluminum has received most attention–with the colors and corrosion resistance of vinyl plastic.

Marvinol-Metal Laminate, as U. S. Rubber tags the new product, is suggested for a host of items: weatherproof building siding, interior paneling, lawn furniture, office and industrial machine housing, inexpensive corrosion - resistant containers for chemicals, chemical piping and ducting (some laminate ducting has carried sulfuric and nitric acid fumes for a year without deterioration), counter tops, and office furniture, to name a few.

Particularly instrumental in getting the new laminations ready for the market were plastics sales manager Harold Parsekian, Conleth Kiernan of the development department, and William Fischer and Clayton Ruebensaal of the commercial products department. They've managed to get samples out to a variety of firms for testing and evaluation.

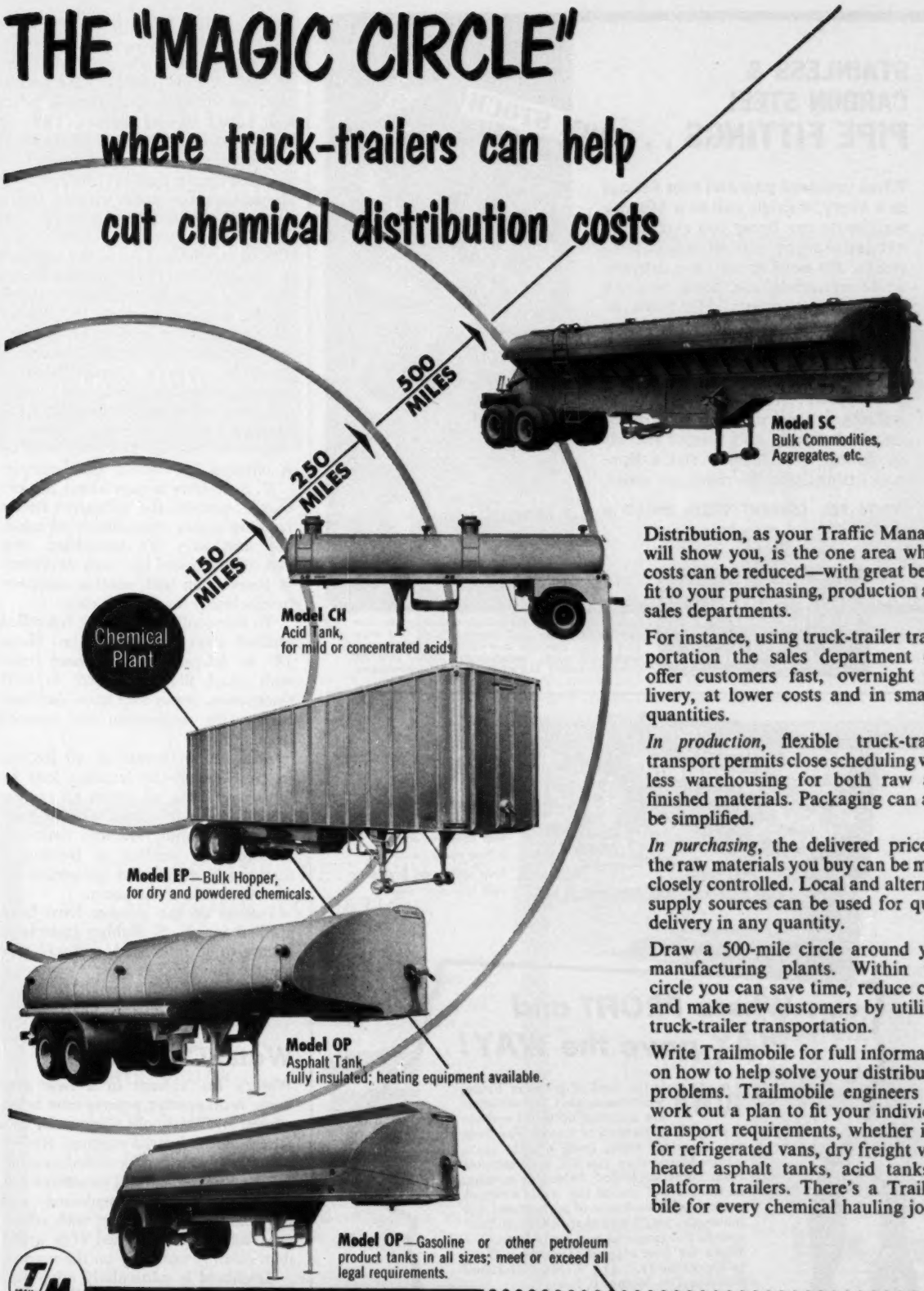
More than 20 firms have already shown interest in the laminate–and



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In purchasing, the delivered price of the raw materials you buy can be more closely controlled. Local and alternate supply sources can be used for quick delivery in any quantity.

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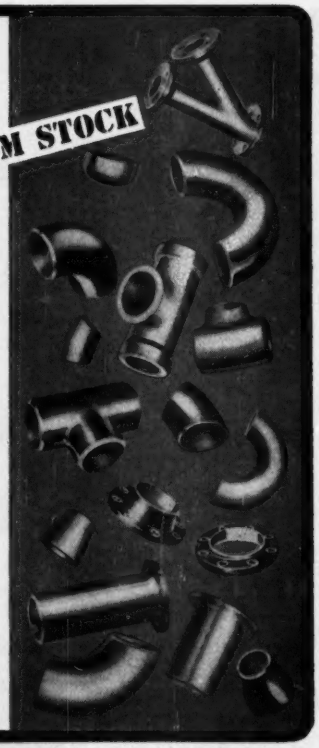
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When you need pipe and tube fittings in a hurry, a single call to a Murray warehouse can bring you everything needed – right out of warehouse stocks. No need to wait for delivery while materials are being shipped from distant points. Hundreds of fittings users – both large and small – rely on Murray for this dependable service.

Murray warehouse stocks include welding fittings and flanges, screwed and socket-weld and flanged fittings in carbon and stainless steels. Special fittings can be made to order.

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7273

A B MURRAY CO INC
ESTABLISHED 1845
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Other Murray products include stainless steel pipe and tubing, boiler and pressure tubes, IPS pressure tubing, seamless cold-drawn and hot finished mechanical tubing, seamless and welded pipe, JIC hydraulic tubing and all types of tube fabricating.



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You are invited to send for your copy of the beautiful new brochure on Iowa. It has many interesting facts you'll need to select your next plant site.

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IOWA is the land of gracious living, where more alert industrialists are stepping up profit and enjoying life in the land of plenty. Far from the congested areas, Iowa affords more leisure hours when you are brief minutes from home, work, golf, fishing or hunting. In the heart of one of the world's richest markets and the source of agricultural raw materials, you'll find that it's good business to live longer in wonderful Iowa.
Write for your copy of "Industry's Road to Opportunity." 414 Central National Building, Des Moines 9, Iowa.

IOWA DEVELOPMENT COMMISSION

the interest is understandable. The bonded-on vinyl is said to have greater abrasion resistance than varnish, paint, and baked enamel finishes. Fully as important, the adherence of the vinyl to plastic is so strong that crimp rolls and 180-degree bends, as well as deep draws, can be made without separating the plastic from the metal (*see cut*).

Simple, Cheap: Cost of the laminate is higher than that of galvanized iron, but only a third that of comparable gauge stainless steel, U. S. Rubber declares. And the process, easily adapted to high-speed production equipment, is relatively simple. Rigid or semi-rigid vinyl is rolled onto heated, adhesive-coated metal sheet. After application, at low pressures (approximately 50 lbs./sq. in.), the bonding is effected by heating the laminate.

U. S. Rubber is cagy about the key to the process–the adhesive. Redux bonding comes immediately to mind; the firm says it's something new and different, and has been developed in cooperation with another company (undisclosed) for this use only.

To date, cold-rolled steel, hot-rolled pickled steel and aluminum (from 18- to 34-gauge) have been used with vinyl films in 0.002 to 0.02 thicknesses. Some tests have also been made with magnesium and pressed wood.

Adhesion in excess of 40 lbs./sq. in. is claimed–the laminate can be fabricated with all types of regular metal forming machines without damage to the coating. The only limitation in soldering, welding or brazing is that the coating must be peeled off on either side of the seam.

Patents on the process have been applied for; U. S. Rubber intends to license to all interested, and will supply the vinyl and suggest a source of the adhesive.

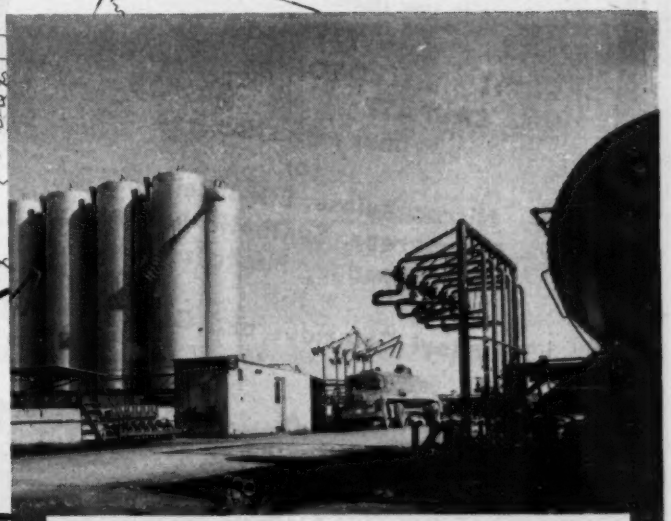
Water-Carried Coat

Water's the solvent in a new synthetic resin coating process now being offered by Reichhold Chemicals, Inc. Strictly an industrial coating, Hydrophen, as it's termed, is touted as eliminating fire hazard and expensive solvent recovery equipment–and still providing a hard coating with adherence and durability equal to or better than coatings currently on the market.

Reichhold is particularly aiming at the automobile market, where close to 0.5 million autos a month * gobble

*First-two-weeks-of-August production was more than 240,000 passenger cars, according to *Automotive News*.

Five Monsanto Bulk Storage Stations to Give You Fast Service on DOP



From this station in Perth Amboy, New Jersey—and from four others strategically located across the country—Monsanto gives quick, timesaving shipments of DOP.

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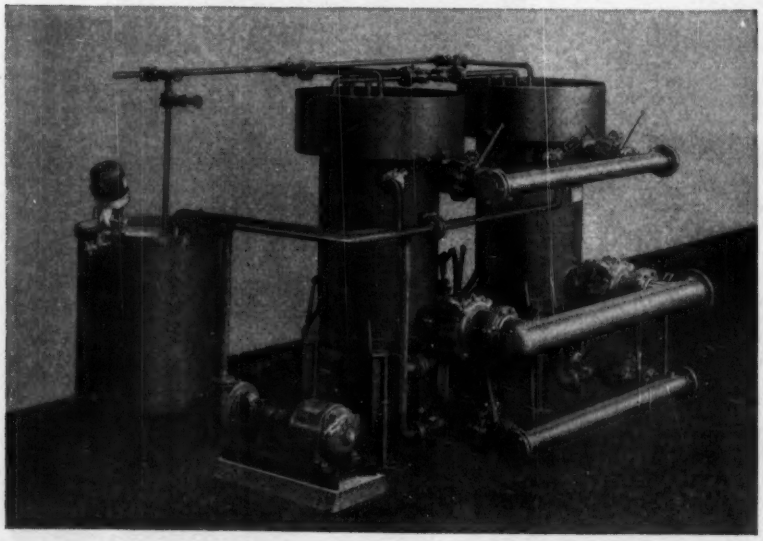
YOUR FILTERING PROBLEM A SPECIAL ONE?

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• with or without filter aid

Write for Bulletin No. 431

R. P. ADAMS CO., INC. 240 E. PARK DR. BUFFALO 17, N. Y.



up about three and a half gallons (one and a half primer, the rest finish) of coatings apiece. But farm machinery makers and other producers of durable metal goods will be scrutinizing the product, too.

No price has been quoted for the new resin, but it's claimed to permit manufacturers savings of 10-25% on finished coating costs.

Three Part Skin: The coating compound was developed by Herbert Hoenel, at Vianova Corp., Graz, Austria. This firm, associated with Reichhold, will produce the resins for European consumption.

The film-former is described as consisting of a phenol alcohol (for hardness, abrasion resistance), an alkyd resin (for flexibility), and ammonia or an amine, which reacts with the alkyd component to make the material completely water-soluble.

Water-soluble resins of this sort are not entirely new: some 20 years ago several American firms toyed with them, but without noteworthy success. Now, in addition to Reichhold, it appears that at least two other firms have renewed their interest.

Reichhold admits to several limitations in the present product — limitations it hopes to eliminate "within months." Current Hydrophen resins are clear but dark in color, won't produce a light-colored film. Considerable care must be taken in surface preparation to assure thorough wetting by the coating. (Auto bodies undergo ideal prepainting treatment, although the usual Bonderizing is unnecessary, company spokesmen said.

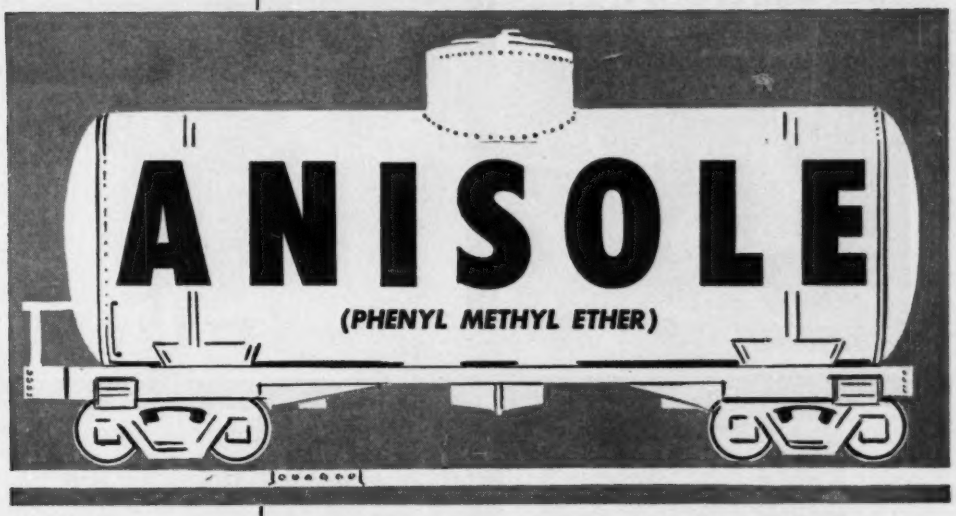
Drying time is not long: a 15- to 30-minute bake at roughly 300 F does the trick. The finished film has shown extreme resistance to moisture, as well as flexibility and adherence.

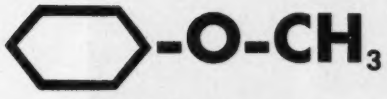
Coming Up: Reichhold has several other modifications on water-soluble resin coatings up its sleeve. Still under development are melamine-urea resins that will premit lighter-toned films. On the import list are some special spray nozzles designed for on-the-spot application. These nozzles feature an orifice ringed with flame—the heat at the tip starts polymerization.

Current production will be confined to Reichhold's Detroit plant, though at least two other plants have facilities readily convertible to manufacture of the new coatings.

It's hardly likely that Reichhold has caught the rest of the industry entirely by surprise, but it looks as though it has stolen a march on the others. And for a sharply competitive firm like Reichhold, that march might win a battle.

Now from Du Pont in tank car lots—





IMPORTANT PROPERTIES OF

ANISOLE

Appearance	a light straw-colored liquid
Molecular Weight	108.13
Specific Gravity 18°/4°C.	0.996
Melting Point	-37.3°C.
Boiling Point, 760 mm	153.8°C.
Specific Heat, 24°C.	0.422
Viscosity, 20°C.	1.086 cp
Refractive Index, 20°C.	1.5165
Water miscibility	
(a) Anisole in water, 30°C.	0.01
(b) Water in Anisole, 30°C.	0.22
Heat Stability	after 2 weeks at 250°C. in presence of air: no permanent gases formed, low boilers below 0.04%, high boilers below 0.02%
Water Azeotrope	boiling point 95.5°C., 59.5 Wt.% Anisole

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Nitric Acid	Zinc Chloride
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Put this high boiling ether to work for you!

AS AN INTERMEDIATE—Anisole is a reactive intermediate. It is readily alkylated or acylated under mild conditions, and undergoes Friedel Crafts reactions with a wide range of compounds. Halogenations and nitrations are similar to those of phenol. The wide range of Anisole derivatives finds use in such fields as pharmaceuticals, perfumes, plastics and dyestuffs; and includes, to mention a few examples, anethole, p-anisidine, anisaldehyde, p-methoxy benzene sulfonamide, p-methoxy acetophenone, and anisic acid.

AS A SOLVENT—A stable high boiling ether, Anisole is ideally suited as a reaction medium and recrystallization solvent. Its value in such applications is enhanced by its resistance to peroxide formation and Grignard reagents, and its action as a mildly catalytic solvent for acid forming reactions, where it acts as a Lewis base. Water immiscible, Anisole is completely miscible with most organic solvents and is itself an effective solvent for a wide range of organic materials.

AS A HEAT TRANSFER MEDIUM—Anisole has found use as a special heat transfer medium for temperatures in the 150 to 260°C. range due to its outstanding high temperature stability, water immiscibility, high boiling point, and high flash point. Its wide liquid range, low viscosity and comparatively high density suggest its utility as a liquid medium at lower temperatures.

Mail this coupon for further information

E. I. du Pont de Nemours & Co. (Inc.)
Grasselli Chemicals Department, Wilmington 98, Del.

Please send me more information on Anisole: advantages, properties, applications. I am interested in using Anisole for_____

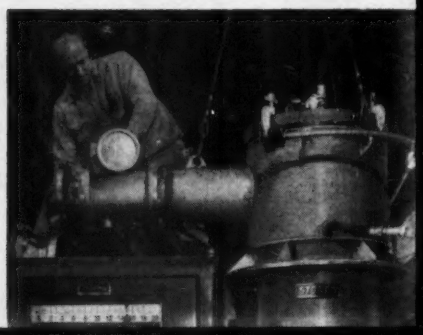
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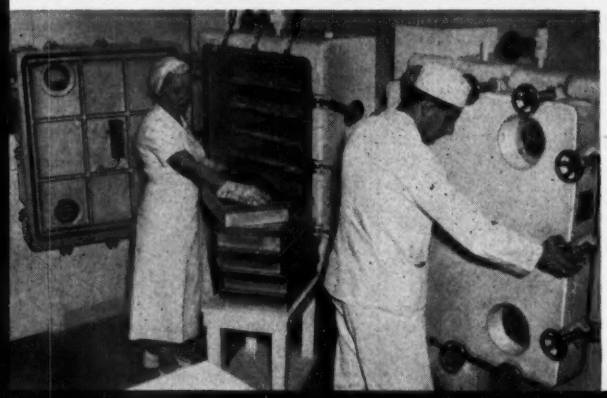
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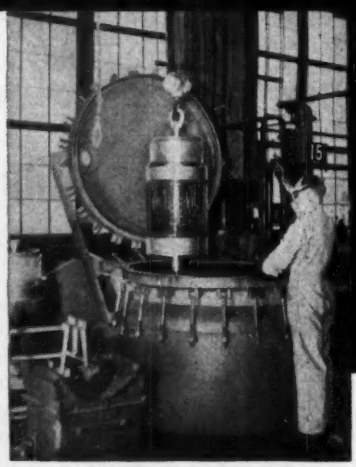
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Operator transfers evacuated retort from heating to cooling station of Stokes Vacuum Annealing Furnace, designed and built for the processing, annealing and other heat treatment of titanium, zirconium, hafnium, copper and other metals.

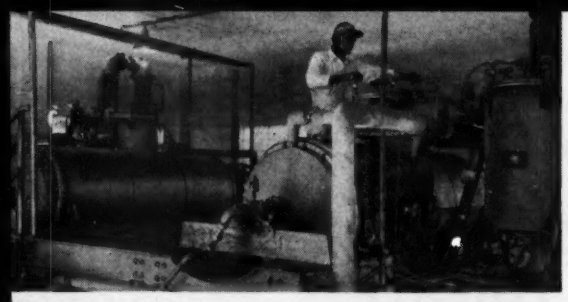


One of the uses for the complete custom-built installation of Stokes vacuum freeze-drying equipment in Pitman-Moore Company's new million-dollar plant at Indianapolis, Ind. is to produce gamma globulin to combat poliomyelitis. One of the steps is drying the material from its frozen state. Operators are shown removing trays of gamma globulin from Stokes freeze-dryers. Temperatures are as low as 40° below zero F. during part of the freeze-drying cycle.





Diesel locomotive armature being removed, after impregnation, from Stokes high vacuum impregnating tank in the San Bernardino, Calif., plant of Atchison, Topeka & Santa Fe Railway. Electric motors for the Santa Fe's "Chief" and "Super Chief" develop such excessive heat that ordinary insulation would swell or burst, causing the rotors to "freeze" in the mounting. By impregnating these rotors with protective resins under high vacuum in Stokes impregnators, each turn of wire is held in place, motors operate without interruption.



Installation of Stokes Rotary Vacuum Dryers used by Metals Disintegrating Co., Berkeley, California, for drying of aluminum powder. Highly oxidizable materials can be handled without any danger of combustion or explosion when they are processed under vacuum.

Vacuum at Work

Diesel locomotive motors, paper and metals, medicines, electrical parts, toys . . . are but a few in a wide range of products which are processed in vacuum for the good of mankind and the profit of business.

The application of vacuum engineering to industry is a major function with Stokes engineers. And naturally so, for it is at Stokes' that many of today's accepted procedures of vacuum processing had their inception during the last fifty years.

Stokes is FIRST in Vacuum . . . *first* in the design and manufacture of practical vacuum processing equipment . . . and Stokes engineers are available for consultation on opportunities to apply vacuum processing to your business.

F. J. STOKES MACHINE COMPANY, PHILADELPHIA 20, PA.

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SULFRAMIN* AB-40 BEADS
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SULFRAMIN* HD BEADS
An alkyl aryl sulfonate in spray dried form blended with complex phosphates and organic chemicals for HIGH DETERGENT value.

SULFRAMIN* L
This new, chemically different synthetic, in gel form, offers unusual foam stability and excellent detergency.

SULFRAMIN* AB-CONCENTRATE FLAKES
80-85% active organic material. For blending where high active is required in finished product. Density, .3.

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Clear amber liquid. 25% active 3% sulfate. Excellent for compounding. Can be tailored to meet your requirements.

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Alkanes sulfonated to meet your specifications under rigid control. Tank cars and tank trucks only.

SULFRAMIN* AB-40 POWDER
Excellent detergency. Light in color. Less than 1% moisture. Screened, not ground, low in fines.

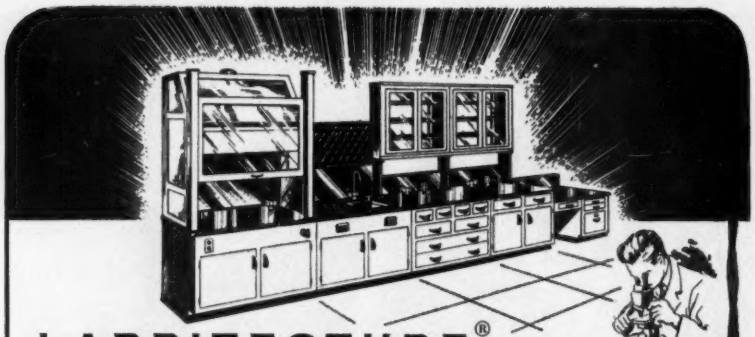
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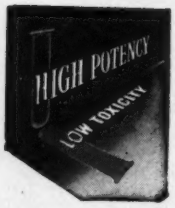
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SPECIALTIES . . . .

Now Detergents: Leeds Soaps Ltd. (Toronto) has recently gone into synthetic detergent manufacture, and is now selling sodium lauryl sulfate, cetyloleyl sulfate, dodecylbenzene sulfonates, and emulsifiers.

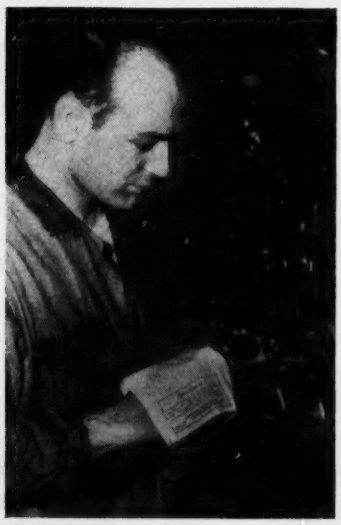
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Add Three: Nopco Chemical Co. (Harrison, N.J.) is now producing three new polyamide-type resins said to be suitable for solvent and hot-melt application as decorative, heat-, solvent-, and vapor-proof coatings.

Called the Nopcote Series, their numbers indicate the Centigrade softening points: Nopcote 45, 105, and 190 are now offered. They are said to be resistant to strong alkalies, mild acid, and hydrocarbon solvents; higher alcohols are primary solvents.

•

Two in One: Brown Paint Co. and Brown Solvents Corp., Charlotte, N. C., have just jointly occupied a new plant. The new facilities include offices, mixing rooms, and warehousing space, occupy 7,000 sq. ft.



Man of Vision

BY WIPING his goggles with a recently introduced chemically treated cloth, this worker won't be troubled with misting glasses. So claims Hygiene Research, Inc. (New York). The firm is now making its Seecloth available to industry in both 8-in. x 9-in. pieces or by the yard. Hygiene says the cloths, which can be reused a number of times, will keep glasses mist-free for hours under severest conditions.

For complete satisfaction, install POWELL VALVES

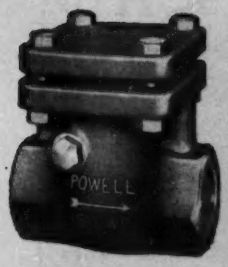


Fig. 2341—Stainless Steel Swing Check Valve for 150 pounds W.P. at 500F. Also available in other corrosion-resisting metals and alloys and with flanged ends.

To be completely satisfactory, a valve must function perfectly, give maximum length of service and require minimum maintenance. To do this it has to be exactly right—in design and materials—for all the conditions under which it must operate. And because Powell makes just such a valve for every service in modern industry, Powell Valves always give complete satisfaction.

The Wm. Powell Co., Cincinnati 22, Ohio



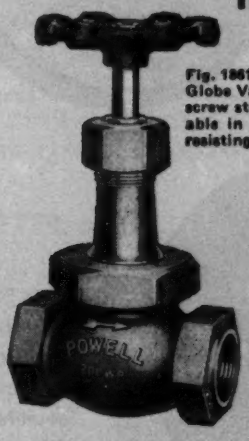


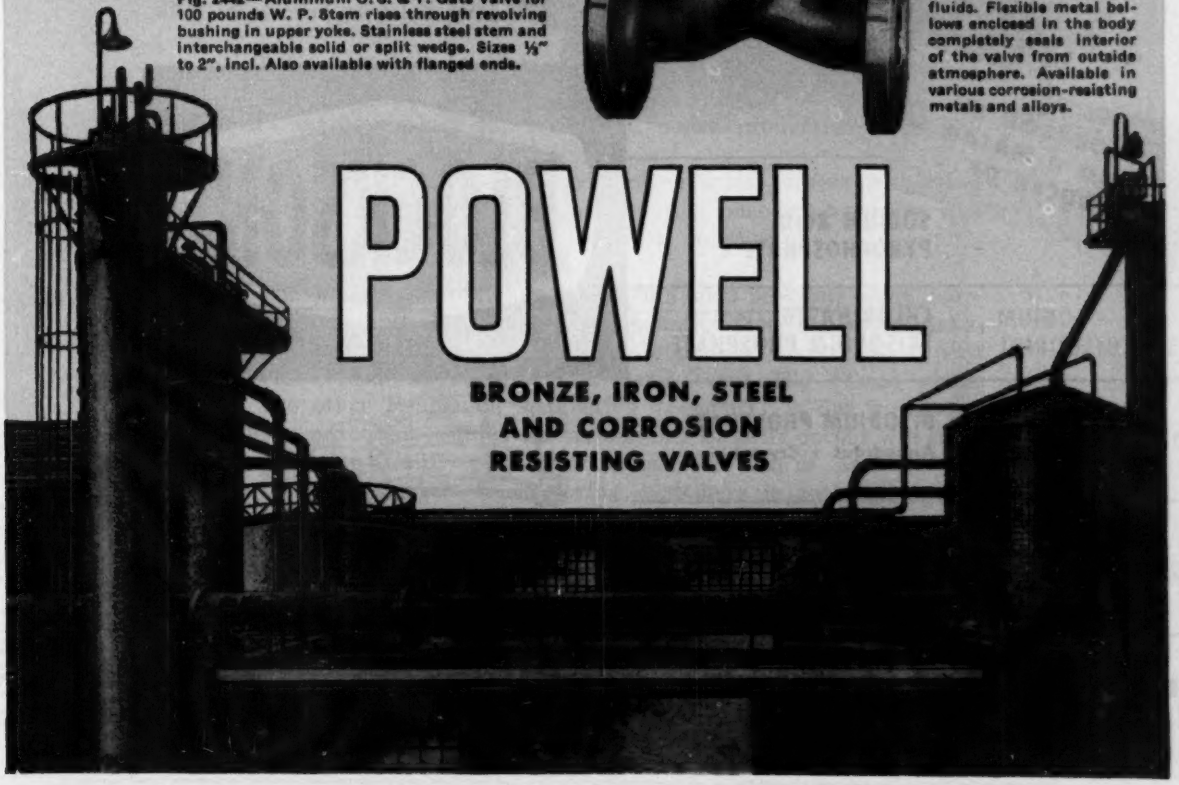
Fig. 1861 — 200-pound Stainless Steel Globe Valve with union bonnet, inside screw stem and plug type disc. Available in a variety of other corrosion-resisting metals and alloys.

DEPENDABLE VALVES SINCE 1846



BELLOSEAL "Y" Valve—For high vacuum service and for handling hazardous, lethal or malodorous fluids. Flexible metal bellows enclosed in the body completely seals interior of the valve from outside atmosphere. Available in various corrosion-resisting metals and alloys.

Fig. 2442—Aluminum O. S. & Y. Gate Valve for 100 pounds W. P. Stem rises through revolving bushing in upper yoke. Stainless steel stem and interchangeable solid or split wedge. Sizes ⅛" to 2", incl. Also available with flanged ends.



POWELL

BRONZE, IRON, STEEL AND CORROSION RESISTING VALVES

Sodium Tripolyphosphate

Tetrasodium Pyrophosphate

SODIUM PHOSPHATES

Trisodium Phosphate
Crystalline
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Monohydrate

Sodium Polyphos

Sodium Polyphos is Blockson's brand name for a water soluble Glassy Sodium Phosphate with the desirable characteristics of Sodium Hexametaphosphate and Sodium Tetraphosphate.

BLOCKSON IS ALSO A MAJOR PRODUCER OF...

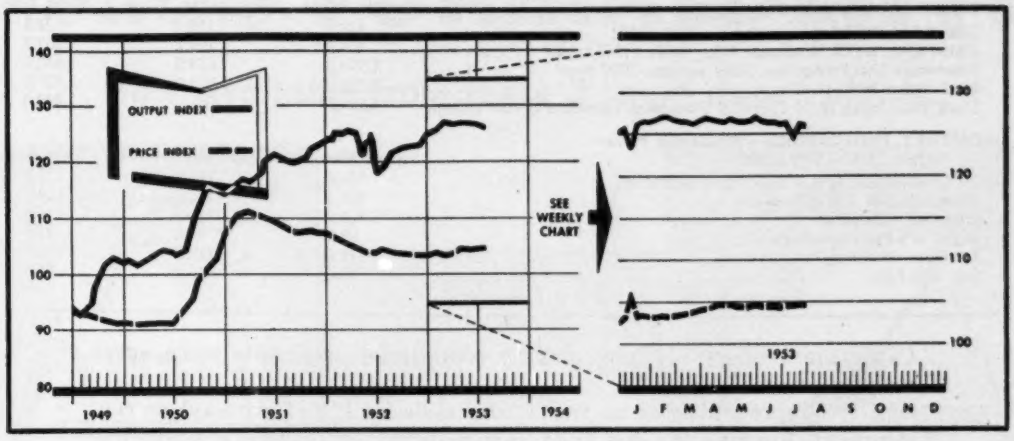
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SODIUM SILICOFLUORIDE	CHLORINATED TRISODIUM PHOSPHATE
SODIUM FLUORIDE	DISODIUM PHOSPHATE Anhydrous • Crystalline
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BLOCKSON



BLOCKSON CHEMICAL COMPANY JOLIET, ILLINOIS

MARKETS . . . . . .



CW Index of Chemical Output—Basis: Total Man Hours Worked in Selected Chemical Industries
CW Price Index—Basis: Weekly Prices of Sixteen Selected Chemicals

MARKET LETTER

By this week market-place activity can be summed up in one word: inceptive. Most chemical makers have already slipped into fall production schedules; consumers are tentatively figuring last quarter needs.

There's a dearth of basic price changes, though, as sellers peg their confidence on buyers' understanding of the reasons behind most of the earlier hikes.

On the other hand, some marketers aren't convinced that price altering is over, envision some significant changes in the near future.

•

Behind this thinking may be better supply positions on many not-too-long-ago tight items. Take phthalic anhydride, for instance. Although the market is still far from soft, added production is rapidly closing the supply-demand gap.

Some producers have whittled backlog orders, others are getting some cancellations. The latter are mainly from once-uneasy users who doubled up orderings to assure themselves of supplies.

•

And polyethylene producers, too, will soon be filling some near-dry consumer pipelines. First commercial quantity from big maker Bakelite's ambitious expansion program will be hitting the market within two months. That's from its 50 million lbs./year Texas City (Tex.) plant.

The other Panhandle installation (Seadrift) is due in around the middle of next year. A third (60 million lb.) Bakelite output will come from its Torrance (Calif.) plant starting near the end of '54.

Of equal interest to clamoring customers is speculation concerning polyethylene prices. A few months ago, Bakelite chopped its price down to the current 44¢/lb. (truckload).

A good guess: basic polyethylene prices may head down into the 30s—in the not-too-distant future.

•

A tripling para xylene output from Standard Oil of California's new El Segundo plant is just beginning to ease pinched domestic users. The unit—part of a multimillion-dollar petrochemical expansion at the

MARKET LETTER

WEEKLY BUSINESS INDICATORS	Latest Week	Preceding Week	Year Ago
CHEMICAL WEEK Output Index (1947=100)	126.2	126.0	122.8
CHEMICAL WEEK Wholesale Price Index (1947=100)	104.9	104.8	102.3
Bituminous Coal Production (daily average, 1000 tons)	1,594.0	1,624.0	1,840.0
Steel Ingot Production	2,036.0	2,011.0	2,121.0
Stock Price Index of 13 Chemical Companies (Standard & Poor's Corp.)	1,594.0	1,624.0	1,840.0

MONTHLY INDICATORS—Wholesale Prices (Index 1947-1949=100)	Latest Month	Preceding Month	Year Ago
All Commodities (Other than Farm and Foods)	114.8	114.8	113.0
Chemicals and Allied Products	106.3	106.2	104.0
Industrial Chemicals	120.2	120.2	114.6
Drugs and Pharmaceuticals	93.5	93.6	92.1
Fertilizer Materials	113.8	113.8	110.9
Oils and Fats	46.2	46.7	47.5

California refinery—is now making commercial shipments some seven months ahead of schedule.

There's little or no worry over a slackening of para-xylene consumption. Reason: It's the chief raw material for synthetic fibers like DuPont's "Dacron"; and despite the general pummeling many synthetics are taking, Dacron continues to hold high favor with consumers; the trade labels it the fiber most likely to survive.

•

There's a lot more iso-phthalic acid (IPA) on the way. But the when and where of big-scale production is still moot. Oronite Chemical's recent $4/lb. slash for developmental quantities sparked speculation of a multimillion-dollar, multimillion-pound plant in the offing (CW, Aug. 29).

Although final decision for the plant site hasn't been made, the projected installation will cost about $10 million, have a near-50 million lbs./year capacity.

IPA will buck phthalic anhydride, use-wise, but it's a far-in-the-future question whether iso's production price will match, undercut or exceed phthalic's current 22¢.

•

Some gum—as well as wood—rosin users, however, are paying more this week. A firmer trend in Southern markets nudged gum prices here about 5¢/cwt. In all but Nancy-grade schedules.

With the fall season starting and chillier weather cutting into production, chances are the present hike will not be the last.

Observers, also eyeing turpentine's brisker movement, won't be too surprised if that material heads for a higher price level. Some see it happening within a week or two.

•

Behind the announcement last week that Continental Oil will market a new Conoco Super gasoline containing TCP acceptance (CW, June 20). Sales, says Shell now, "exceed all expectations."

The licensing agreement with Continental will just about blanket the country with TCP-added gas outlets, will more than likely pressure TCP makers to up production. Near-view result: greater squeeze on cresylic acid.

SELECTED CHEMICAL MARKET PRICE CHANGES—Week Ending September 14, 1953

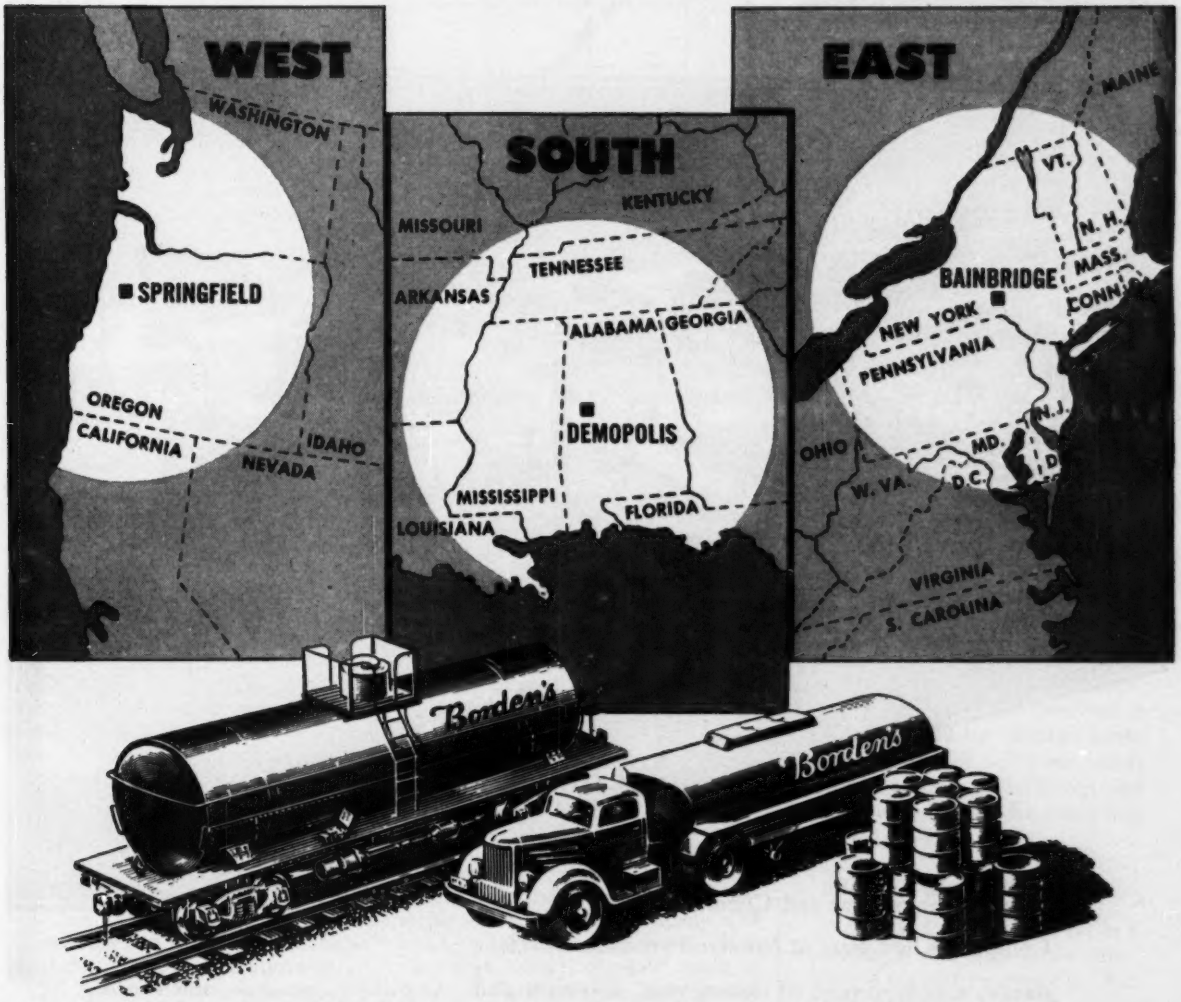
UP

	Change	New Price		Change	New Price
Gum Rosin, Water White, (NY), cwt.	$ .05	$8.75	Calcium Hypochloride, drms. (100 lbs.), dlvd. E. of Rockies	2.00	28.65
Shellac, lemon, No. 1, 10 bg.-lots	.02	.39	Sulfonated Tallow, 25 pcs., drms., l.c.l.	.01	.065

All prices per pound unless quantity is stated.

Borden's FORMALDEHYDE

now available from these 3 "next door" plants:



Look up "Borden's" next time you need formaldehyde.

If you're inside one of the 300-mile circles shown above, Borden's can probably deliver your formaldehyde by tank truck. Fast service and frequent service, so that you don't need large storage tanks.

If you're outside the circles, get Borden's prices on tank car (6,000-gallon "Split cars,"—8,000 or 10,000-gallon full cars) and drum shipments.

TYPES AVAILABLE:

37% inhibited (also known as "Formalin," "U.S.P." or "N.F." formaldehyde). Shipped in tank cars, tank trucks, drums.

37% uninhibited. Shipped in tank cars or tank trucks.

44% inhibited or uninhibited. (Shipped in tank cars or tank trucks from Bainbridge, N.Y. or Demopolis, Alabama only.)

Borden's formaldehyde is made in completely modern, automatic equipment that assures uniformity of quality and trouble-free formulating in your plant. It's made to meet your specifications for acidity, methanol content, etc.

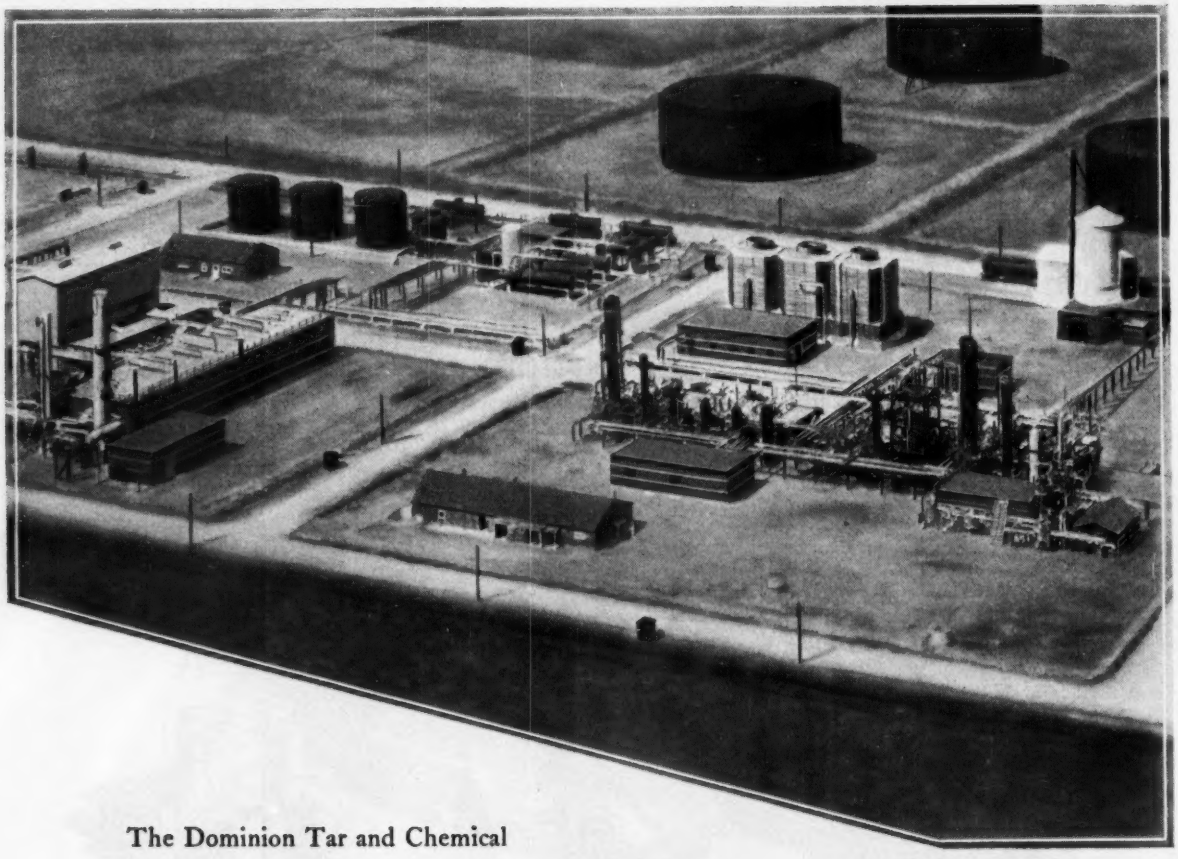
Write, wire or phone for a quotation. Address: *The Borden Company, Chemical Division. 350 Madison Avenue, Dept. CW-93, New York 17, N.Y.* H.3.1

THE BORDEN COMPANY

Chemical Division

FORMALDEHYDE • HEXAMETHYLENETETRAMINE • RESORCIN • CASEIN
UREA RESINS • PHENOLIC RESINS • POLYVINYL RESINS • EPOXY RESINS

Chemicals FOR A FAST GROWING REGION



The Dominion Tar and Chemical Company's new plant at Montreal produces ethylene oxide, a component of detergents, solvents and plastics; and glycol, basic chemical in permanent type anti-freeze, explosives and synthetic fibers.

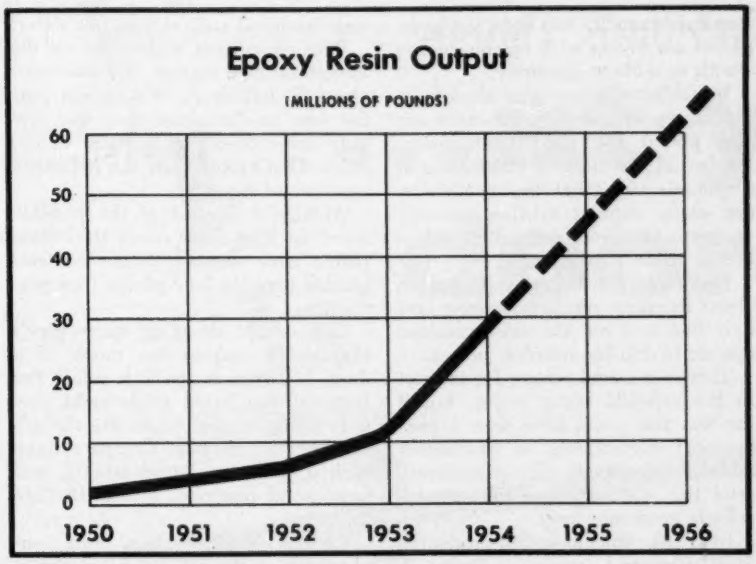
Design and construction of the plant, which has an estimated capacity of 25 million pounds of glycol per year, were by Stone & Webster Canada Limited, utilizing the facilities of Badger Process Division of Stone & Webster Engineering Corporation.

At this plant, located near the St. Lawrence River, Dominion Tar and Chemical Company extracts ethylene from gas piped from nearby refineries, converts it to form ethylene oxide and glycol, and returns the unused gas for further processing.

STONE & WEBSTER ENGINEERING CORPORATION

AFFILIATED WITH STONE & WEBSTER CANADA LIMITED

E. B. BADGER & SONS LIMITED



NEW EPOXY USES spark a stratospheric climb despite a high-price ballast.

Epoxies on the Ascent

The "wonder" appellation may be doing yeoman service in other chemical process industries (fibers, fabrics and pharmaceuticals), but if current—and possibly future—ethoxylene resin boosters have their way the tag will also be firmly attached to the whole line of epoxy resins.

From comparative obscurity during the mid-'40s, when they were under development,* these particular resins have by today

- moved close to the top of the anticorrosive coating field,
- cut a brilliant swath through the adhesive industry,
- undergone a near-24-fold increase in supply availability in less than six years.

And the end is not in sight, either in outlet or in output burgeoning.

To take the latter first, top U.S. producer, Shell Chemical, is scheduled to triple production capacity by the end of the year at its spanking-new Houston (Tex.) Epon-producing plant. Rate there now is about 5 million lbs./year. (Shell is also erecting a plant in Holland for production of its Epikote, other epoxy raw materials.)

And Ciba, as reported in CW (*Market Letter, Aug. 22*), has about completed a capacity doubling (to approximately 6 million lbs.) at its Kimberton (Pa.) installation.

These expansions could contribute an additional 13 million lbs. of epoxies a year to the market within a short time.

Somewhat more nebulous but already formulated are plans for Bakelite's ambitious production hike from its present 1-million-lb. rate. The company was recently granted a $360,000 certificate of necessity—with a 50% write-off—that could mean a future 6 million lbs./year capacity. One underlining factor, for the 6 million figure is this: the Union Carbide division won't have to start building from scratch. It has some existing capacity.

Definitely in the realm of speculation is the possibility that Dow may also step into the epoxy resin field. A one-plus-one-equals-two reasoning adds up some recent Dow moves to bolster a logical conclusion. For example, news that the company will build a synthetic glycerine plant (Freeport, Tex.), possibly using a similar-to-Shell process, likely means co-production of epichlorhydrin, one epoxy resin ingredient.

Another firming factor hopped on by side-line observers: Dow's recent $950,000 bisphenol certificate. That could provide the other necessary component.

Dow insists that at the time of the glycerine-making decision, no definite plans for epoxy production were considered, but it doesn't deny that an epoxy resin venture might be desirable in view of its setup.

Crowd's Coming: There's no doubt that all angles on epoxies have been—and are being—scrutinized. For instance, Hercules (soon to be a big-time phenol maker), may swing into bisphenol if a stepped-up market de-

* In Switzerland by Ciba; independently in the U.S. by Devoe & Raynolds.

sol'vent

A substance capable of, or used in, dissolving something.

Example: **GLYCERINE!**

Glycerine's wide range of solvent power, coupled with its nontoxicity, makes it an extremely versatile solvent. Its nonvolatility and stability protect shelf life. It is compatible with many other ingredients.

Customers *know* Glycerine, accept it, and respect your decision not to compromise with quality by using substitutes.

New Digitalis Injection

For example, a combination of U.S.P. Glycerine, "Carbowax," benzyl alcohol, ethyl alcohol and water is an effective solvent for the intramuscular injection of digitalis, according to a recent report. In the past, digitalis was administered in an alcoholic solution and often caused pain, varied in effectiveness, and involved a danger of tissue damage. Tests have shown the new formulation to be nontoxic, nonirritating, and effective in treatment, according to the report.

Balance of Properties

But Glycerine's ability to act as a solvent is only part of the story. You can count on *versatile* Glycerine to serve as —

humectant	lubricant
vehicle	demulcent
plasticizer	suspending agent
sweetener	chemical intermediate

Booklets on the application of Glycerine in the food and pharmaceutical fields are available. For your copy, write to Dept. CW, Glycerine Producers' Association, 295 Madison Avenue, New York 17, N. Y.

Nothing takes the place of Glycerine

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The BETTER the ODOR the BIGGER the SALES!



WHAT FRAGRANCE! WHAT FLAVOR! . . .

Is that an envelope the lady's swooning over? Indeed, yes! . . . Softly scented writing paper and envelope with deliciously flavored gummed flap! It's a far cry from the crude glues of years past to the laboratory perfected adhesives of today. Odor and flavor are now being scientifically employed to lend unique appeal to these essential tools of everyday communication. Cinnamon, clove or peppermint-flavored adhesives provide another example of modern industry's determination to give new character and distinction to articles once drab and commonplace. Let the coupon below lead the way to odor and flavor applications that could well increase the sales potential of your product.

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mand warrants it. And not a few companies are toying with epichlorhydrin —with or without glycerine.

In addition, companies already in limited epoxy resin manufacture are also poised for sudden expansion. Borden, at the moment progressing at a cautious 10-12,000 lbs./month clip, can easily convert existing phenolic equipment to almost immediately double or triple that amount.

Incidently, Borden is keeping mum about its epoxy producing route; says only that it is not the more common epichlorhydrin-bisphenol-A process.

There's a sound reason for interest in the versatile epoxy resins. For if the last few years have seen a phenomenal skyrocketing in production and consumption, the future may well send the wonder resins to a stratospheric economic level.

In 1946, epichlorhydrin-producing Shell Chemical, under a Devoe & Raynolds license, began marketing epoxies under the tradename Epon. As recently as 1950, neither Shell nor Ciba were mass-producing in the U.S. Shortly after that the epoxy escalator surged into high gear, is now expected to hit a zipping near-30 million lbs./year output rate within a matter of months.

It's doubtful whether or not the main outlets a few years ago (surface coatings, paints, varnishes) could have upped consumption enough to support the present expansion. Even the early tentative scratching of the adhesive and potting (embedding of electrical parts in plastics) fields by Ciba held little promise of the burgeoning to come.

But now, despite the imminent epoxy flood, only a few skeptics fear overcapacity. For with the growth of older uses added to some newer ones, rapidly moving out of the development stage, chances are even that next year's 30 million lbs.-capacity may soon be inadequate.

Pipeline to Plenty: Probably one of the most important of the newer applications is a structural—not a coating—role. While some 80 to 90% of its epoxy resin production is currently going into protective coatings, Shell is enthusiastic about its glass fiber-reinforced epoxies undergoing practical tests as chemical and petroleum tankage and pipelines.

The epoxy pipe may lick two major "plastic" pipe bugaboos:

- Inability to withstand both high pressures and high temperatures;
- Perviousness to a number of corrosive materials.

At the moment primary application for the epoxy pipe is in transporting sour crude oil and oil-field salt water.

Though current sights are on the limited oil field market, that one use—about 50 million ft. of pipe last year for sour crudes alone—may one day gulp some 35-45 million lbs. of epoxies. That's more than the industry's near-future capacity.

Another indication of the possible trend: at least three major steel companies have stepped, or are contemplating stepping, into plastic pipe production.

One weight dragging epoxy pipe's chances of making too much of a dent, however, is its high price. For instance, the liquid grade right now is hovering around $1.03/lb., the solids, between 60-67¢. Compare these with a polyester liquid 40-60¢, and some solid phenolics in the 18-25¢/lb. range.

Civilian Market: Ciba, long emphasizing adhesives and electrical potting rather than coatings, is looking ahead to greater structural use in civilian manufactures. In the past the company has devoted much of its epoxy research to aircraft and military uses.

Now with the coming of color television and higher voltages than those used in black and white, epoxies may find a blossoming outlet in potting circuit components that are now exposed to air and touch.

Advantages are many: amber clarity, excellent insulating qualities, high-temperature stability, no-pressure casting, to name a few. But add this important one: the resins may be filled with inert materials where keeping costs to a minimum is a deciding factor.

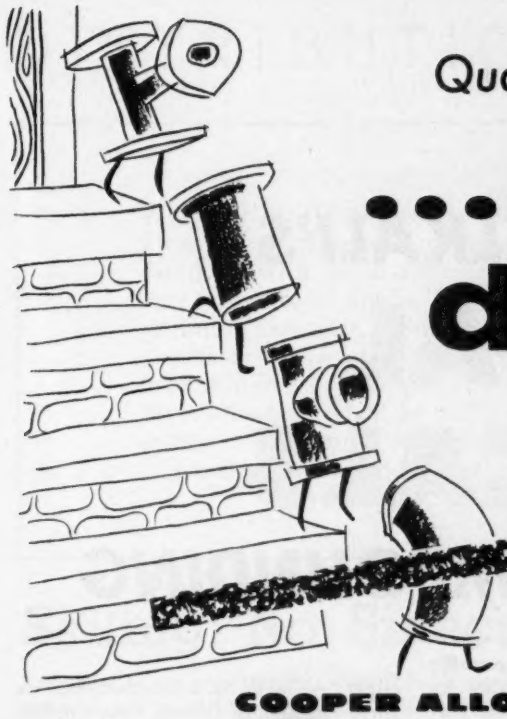
Epoxies are a far cry from old-line fish glues and library pastes, for in its use as an adhesive, the epoxy resin "wonder" label stands out sharply. There seems to be nothing that can't be bonded by these resins: plastics to steel, glass to brass, wood to metal, metal to metal, rubber, rock or ceramic—you name it, and the epoxies will stick it at little or no pressure and at comfortable heats.

Epoxy producers and formulators have a collective eye, too, on many other now-acorn, soon-oak uses, e.g., interior and masonry paints, automobiles (both as a paint and for structural purposes), potting of plant transformers and coils, in airplanes and guided missiles, food can coatings.

Adding it all up, it's obvious that epoxy resins have a lot on the ball—and the ball will gain momentum as it rolls through a host of new markets in this country as well as abroad.

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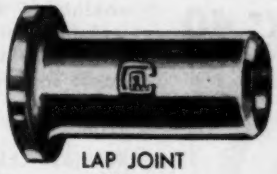


COUPLING

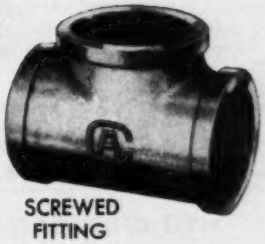


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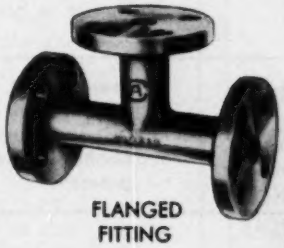
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MULTIFEX® MM	**Ultra-fine precipitated calcium carbonate. Particle size .05 to .06 microns. Uncoated.**	Used in vinyl compounds for extrusion and floor tile. Contributes improved abrasion resistance and higher gloss. Reduces compounding cost with no appreciable degradation.
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WANTED: Chemical salesman. Progressive company desires aggressive individual with wide experience in general chemicals field. Technical background desirable. Substantial future awaits the man able to produce in the face of increasing competition and greater diversification. Must be willing to travel, make calls, work at old-time selling. Mere order-takers need not apply.

Selling: No Sinecure in '54

Embodied in the hypothetical advertisement above are the hopes and fears of today's typical chemical sales manager. Mindful that this is a year of change, CW is keeping close tabs on selling developments. As 1953 rolls on, this is the picture:

With a scant two weeks remaining of the third quarter of this year, chemical sales managers are beginning to see some of their earlier forebodings come true, while other dire predictions of sales slumps evaporate into the future.

CW's latest survey of sales managers finds the field as a whole to be in a state of flux; there are no pat phrases to describe it, no common outlook for sales.

There is, of course, a certain general pattern of thinking pervading each sales manager's outlook. Some of the more common grounds for fretting:

- More incoming capacity means, in most cases, heavier competition.
- Greater diversification among established companies is leading to a multiplication of material sources.
- Expanding lines of products, due to ever-active research and development as well as from simply taking on more items, is taxing sales managers' capacities to familiarize their men with the entire list, to assure the expert technical service needed and demanded by customers.

In contrast with these expressions of pessimism, however, many replies show that business has been amazingly brisk, the future as roseate as ever. Some sample remarks:

- From a sulfuric acid maker: "Next year, we believe, will see better business in acid and we are getting ready for it now."
- From a fine-chemicals man: "We aren't worried right now—sales are up 25% over last year."
- And another heavy chemical sales manager foresees no "crash" . . . "unless we talk ourselves into it. If it comes it'll be the best advertised tailspin in history—and that's why I'm not afraid of it."

Where You Are: A few worries stem directly from local conditions. Prime example: the drought-bedeviled Southwest.

Most concerned manager is, of course, the one selling (or rather, trying to sell) insecticides and herbicides. His troubles are twofold: As one summed it up:

"There has been such a serious drought in west Texas that even the boll weevils have been burned up . . . As for 2,4,5,-T, which we sell for killing mesquite, our business has been terrible . . . the drought has forced many ranchers right out of business. Cattlemen just haven't got the money to buy 2,4,5,-T to clear the mesquite off their pastures.

"And another problem is credit. Just now, customers who normally buy from me are on credit restrictions. This prevents me from even soliciting orders from formulators, grinders and others producing insecticides for sale to cotton and other farmers."

Other, more general problems, that plague especially the Southwest sales manager are high freight rates and increasing truck deliveries.

One major alkali sales manager admitted: "I'm troubled over the high cost of freight from our Eastern

You can't buy fatty alcohols on price alone

If price were the main reason for buying CACHALOT *brand fatty alcohols you wouldn't go wrong.* For these were the first cetyl, oleyl, and stearyl alcohols priced low to reach the large tonnage market. CACHALOT has opened up new uses for these versatile raw materials as intermediates in the production of additives, brominates, chlorinates, condensates, esters, mercaptans, nitrites, sulfates, phosphates. Yet, *re*-orders for CACHALOT brand fatty alcohols are based on more than their low price. CACHALOT offers the largest selection of fatty alcohols available in tonnage lots of uniform quality. You can get a material that meets your specs and be sure that *every* delivery will stick to those specs. Read how you can use CACHALOT fatty alcohols in booklet on "Possibilities". Write M. Michel and Company, Inc., 90 Broad Street, New York 4, N. Y. A basic supplier to chemical manufacturers for over a quarter century, their trade name for fine vacuum-distilled fatty alcohols is

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MANUFACTURERS' REPRESENTATIVES

SEEK ADDITIONAL AND NON-CONFLICTING REPRESENTATIONS OF

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ALL OUR SALES PERSONNEL ARE TECHNICALLY TRAINED COLLEGE MEN; ALERT AND INTELLIGENTLY AGGRESSIVE.

WE ARE NOW SYSTEMATICALLY COVERING N.Y., N.J., MD., DEL., PENN. AND CONN.

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for the first time

more space all on one floor
more exhibitors nearly 500
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New Ideas Methods Processes Materials Equipment Techniques Developments

Chemists and chemical engineers will find an unequalled opportunity to get first hand information from the men and companies who have contributed to the advances in the fast moving chemical industries.

Nowhere can you get so much valuable information on the latest chemical processing developments, in so short a time and so vividly. PLAN NOW TO ATTEND.

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plant, which makes some products not turned out by our local plant."

And concerning truck deliveries, he volunteered, "We're getting competition from companies with alkali plants nearer Houston than ours. We lose customers to companies with plants nearby where they take advantage of truck deliveries.

"Truck and carload lots carry the same prices. There is a transition from railroad to truck delivery developing in the Southwest that is revolutionizing chemical distribution in this area."

In other areas—not beset by drought nor the handicap of the long haul—the sales manager's outlook is far different. Whether expressed in positive or negative terms, a spirit of optimism permeates the typical reply.

Concerning potential new business, one Midwest manager cited this example: "We constantly advertise that samples of material are available for customers, and these ads bring a tremendous response. The problem is how to divide the salesmen's time to service these requests."

And on the more sober side of continuing sales in the face of a possible recession, another Midwest sales manager philosophized: "As far as next year is concerned, I'm not too worried how business goes—it may not be at peak, but it won't be down more than 5%.

"Of course our business follows the national economy anyhow. If times get lean, housewives stop sending laundry out, use more detergents at home. Our scheduled sales for the balance of the year are quite high and we're well pleased with the future pospects."

Who You Are: A few replies to CW's survey showed up differences between "little" and "big" business. One manager, who classified his company as "small," analyzed the situation like this:

"We aren't worried about the present, but we do see handwriting on the wall—little signs of what's to come popping up in odd places.

"There are already instances of two unusual types of competition. First, the big companies are already feeling the pinch because they're sniping at small accounts of only a few thousand pounds a month that they couldn't be bothered with before.

"Second, there have been cases where a big company has put up a plant and found later that the new product flopped. Then, rather than have the plant idle, they've cast about for something else to make. When they choose something a small company puts out, this large capacity can really be a menace."

The contrast between "small" and "large" business, however, did not loom large in the consensus of replies to the survey.

More Diversity: Of more widespread concern to the sales executive is the increasing diversification of product lines. A fair number of responses treated the question at some length.

Two distinct facets of the problem showed up:

- Diversification of his own company's line.
- Increased competition from diversification of others.

Discussing his own company's branching into new fields, one harassed sales supervisor submitted this analysis:

"When you have a relatively small sales group selling to virtually every industry, you eventually discover that your men can't be expert in every line.

"Since technical service is such an important part of chemical selling, this is becoming a problem.

"It reflects back to the research and development staffs . . . they can't all be experts in every line, either. Trying to keep the men abreast of all the fields in which they sell is a very real problem. And it'll get more difficult as research staffs continue bringing new applications and products to the industry."

Diversification on the other side of the fence, i.e., on the part of the competitor, is inflicting the sales manager with more headaches, too. He learns his boys are finding an ever-increasing number of competitors in each group of chemicals. In the words of one manager, this is about what happens:

"Formerly, our man might have encountered one or two competitors for each chemical he tried to sell. Now there are four, five or six outfits after every order.

"This increase is due to the fact that chemical companies are diversifying. A company notices that some chemical is in great demand and it immediately goes into production of this item.

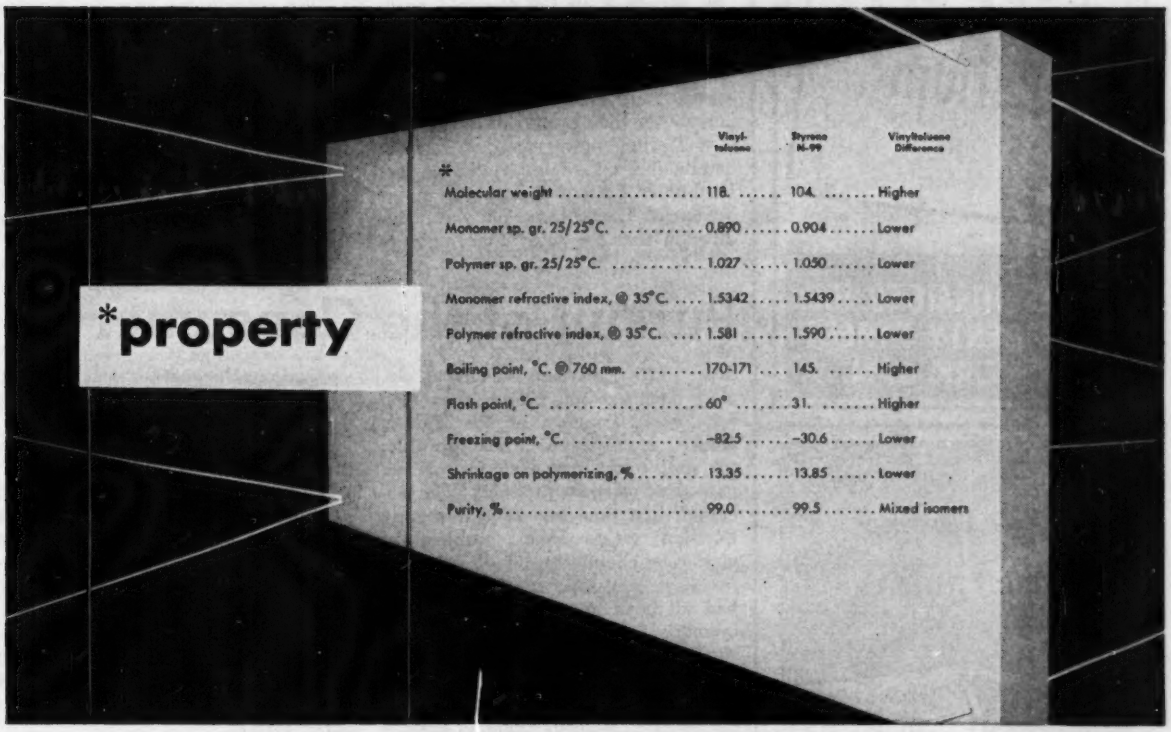
"This salesman's customer of long standing feels that he should give his order to one of the new competitors for some reason or other or that he would do well to split his order among more than one company."

Back to Selling: The average sales manager isn't just moping over the fact that the seller's market is ap-

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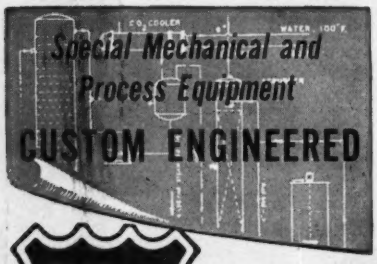
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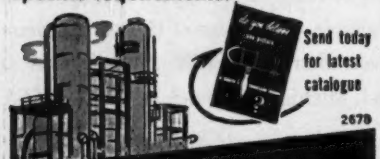
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parently gone. Taking the future as a challenge, most of them are acting now to lead their forces back to the firing line.

Some action-seeking tactics now being tried by managers:

- "Reactivating" and retraining their men, especially those who had been trained chiefly during the order-taking period of the past 10 or 12 years.
- Expanding their forces in order to work territories more intensively.
- Needling their men by setting up quota systems.
- Stepping up the required number of calls per day.
- In some cases, to meet demand for technical service, realigning the sales system into divisions by products rather than by territories.
- Alerting newer men on how to handle under-the-table tactics of less scrupulous competitors.

Sign of Times? As a fairly sure indication that the sales honeymoon is over, several sales managers mentioned instances of what they considered "sharp" practices cropping up with increasing frequency.

One old-timer spelled out his woes in these terms:

"The undercutters are quite prevalent these days, and it plays havoc with my men, who are trying to sell from a published price list. The trouble is, these sharpies quote one price to one customer, another to another; and my men have no way of knowing how much they are being underquoted.

"We console our boys by pointing out that many customers who buy from these price-cutters eventually come back to people like us. But it's still a tough nut to crack."

Then, as an afterthought that seemed to wrap up his own policy of selling, the old-timer added: "Selling your product, provided it fills a need, is, after all, a matter of showing the customer what it will do for him."

Pursuit of the Consumer

Some 175 American Chemical Society members and friends assembled last week Tuesday at the Palmer House, in Chicago. Their purpose: to mull over case histories of the marketing of new products. The occasion: first time the ACS Marketing Division met to discuss problems of marketing chemical products intended for consumer use; previous sessions had all been devoted to considering industrial sales.

Kicking off the session as presiding officer, Indoil Chemical's William Plummer supplied the background for the meeting. Some of Plummer's points emphasized:

- Technological competition today is becoming increasingly important to the chemical maker, and frequently overshadows price competition.
- Compared with industrial sales, consumer-product marketing involves different methods, channels, approach.

For the Teeth: John Brown, Jr., of Lambert Pharmacal, then proceeded to show the special complexities involved in marketing a new dentifrice. In this day of rough competition and rapid development of new formulas, Brown pointed out, changes in the market pattern are far more dramatic than the actual benefits received by the consumer.

Bringing his hearers up to the minute with remarks on the new anti-enzyme agents for toothpaste, Brown also supplied figures illustrating the switch in dentifrice popularity. Investigations showed, for instance, that:

- Only about half the people use a dentifrice regularly.
- Food stores now sell as much as drug stores.
- Whereas in 1950 ammoniated toothpaste had captured 15% of the market, by last year the breakdown ran: regular formula paste, 60%; ammoniated-type, 10%; chlorophyll-containing, 30%.

Soil Conditioner: Monsanto's Richard Lawrence then took the stand with a now-it-can-be-told account of his company's analysis of the soil conditioner market.

The "Krilium" analysis, begun a scant six months before the product name broke into print, was approached from three directions:

- Determining the greater returns possible to truck farmers and greenhouse operators.
- Learning the prospective displacement of peat moss and other mulching agents.
- Checking special interests such as the 8 million upper-income families with home gardens.

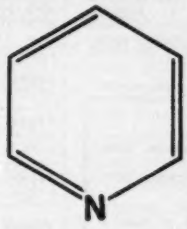
In addition to the three market possibilities, there are other basic trends that Lawrence sees multiplying the conditioner markets. Some of these:

- Rapid population growth.
- Loss of top soil due to erosion.
- More home gardens, result of shortening work week.

House Coat: Taking the instance of latex paint as an outstanding ex-

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P-9128 Chemical Week
330 W. 42 St., New York 36, N. Y.

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PW 8787 Chemical Week
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BO 8221 Chemical Week
330 W. 42 St., New York 36, N. Y.

ample of fast marketing of a chemical consumer product, Sherwin-Williams Co.'s N. E. Van Stone cited the advantages enjoyed by such a company as his, where the sales organization is already familiar with the exact needs of the trade.

Van Stone sketched how, starting with S-W's 50,000 dealer outlets, the paint-buying public was approached with products especially tailored to meet changing demands.

Retailing Detergents: In contrast with Van Stone's talk, James Cloney, General Dyestuff Corp., discussed the relatively more difficult selling task involved when a basic chemical manufacturer, who lacks consumer selling experience, decides to market retail products.

In this case, the manufacturer must not only lick the usual retail problems of product acceptability and the factors affecting selling techniques in established channels, but he must also make the jump from manufacturer to distributor.

This added effort, detailed Cloney, requires that he face such hurdles as:

- Selecting his distribution channel.
- Evolving a basic merchandising and selling scheme.
- Making an initial market investment to obtain trade acceptance of his company.

Shining Example: "If I could wrap up a blueprint pattern for successful sales of a new product in a box and give it to you, I'd be out using it for Gold Seal instead of talking here."

This was the modest opening with which Harold Schafer, president of Gold Seal Co., maker of Glass Wax, greeted his audience.

"We're not successful," continued Schafer, "because of anyone's personality or the product, but because of a system of doing business . . . and a desire to be successful without the normal finances most businesses require."

Schafer then mentioned 10 books and 12 periodical articles, which he concluded all agree that for marketing success the would-be seller needs:

- A worthwhile product;
- A good consumer package;
- Right pricing;
- Good distribution;
- Effective advertising.

Schafer particularly shuns blueprinted patterns of previous promotions. "The best idea," he avers, "is to find out how to sell a little—profitably; then expand that system."

Over-All Views: When the group reconvened for the afternoon session, emphasis switched from specific case histories to over-all aspects of consumer product marketing.

Peter Peterson, Market Facts, Inc., asked his listeners to consider the role of market surveys. Just how far a survey may be relied upon, stressed Peterson, is at least as important a consideration as the actual results uncovered. A more useful purpose of the market survey is in making decisions as to the product's color, size, etc.

John Conner, of Sellers & Conner, discussed the product liability to which a manufacturer subjects itself by marketing a new chemical product. Conner detailed the considerations necessary to avoid crippling damage suits.

Robert Neubauer stressed that in the case of a new nonadvertised product, the most important advertising medium can be packaging. Many a salable item fails because it is merely identified—not presented—to the customer.

Paul Slawter, Jr., Sterling Advertising Agency, pointing out that "new products are sold today not on merit alone, but with emotional appeals," spelled out six factors for the successful promotion of a chemical houseware.

Slawter's factors included (1) price right—around $1, (2) appeal to impulse in concept and package, (3) fill a mass need to stimulate mass demand, (4) promote with similar items, (5) feature in store, convenient to customer, (6) hammer away in store follow-up promotions.

Toxicological testing is basic in the marketing of new products. This was the theme of Elliott Maynard, University of Rochester. Sound toxicity data are the backbone of any product liability defense, and toxicological research should be an essential part of product testing.

M. H. ("Mike") Baker wound up the session with a comparison of industrial and consumer marketing. Maintaining that the two are worlds apart, Baker pointed out such differences as:

- Consumer marketing is extensive; industrial is intensive, customer-to-customer.
- Consumer interest is convenience, quality, price; industrial interest is continuity of supply, reputation of maker, uniformity.
- Consumer advertising is aimed frequently at impulse buying; in industrial advertising the impulse feature is almost nonexistent.

Good Start: When the session broke up, this much seemed to be established in the minds of those who had come and heard: consumer marketing, while fraught with pitfalls, can be rewarding and fascinating.

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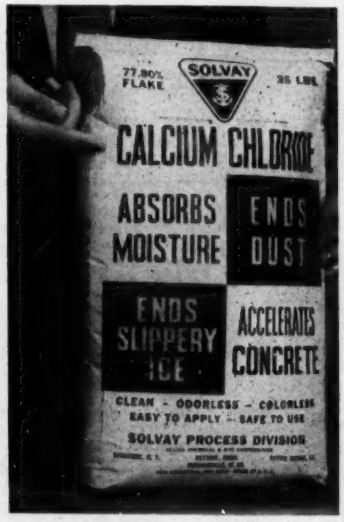
For the Bookshelf

Here are some recent chemical literature offerings:

• The Tennessee Industrial & Agricultural Development Commission has prepared a "Plant Location Directory of Basic Chemical Products." Producing points, arranged by states, are listed for ammonia, caustic, chlorine, hydrochloric acid, alcohol, nitric acid, salt, soda ash, sulfur and sulfuric acid. Price: $1.

• Applications for cetyl, oleyl and stearyl alcohols are grouped together as "Possibilities with Fatty Alcohols," an 8-page pamphlet available from M. Michel and Co. (New York).

• The first catalog is now off the presses reflecting the amalgamated product lines of S. B. Penick & Co. and the New York Quinine & Chemical Works.



Retail Bid

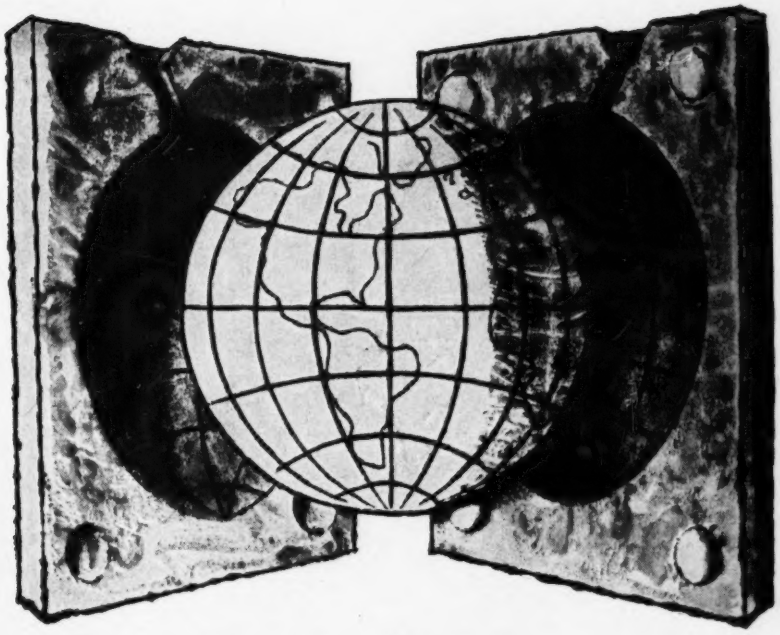
IN AN EFFORT to stimulate wider interest in consumer use of calcium chloride, Solvay Process Div., Allied Chemical & Dye Corp., is now offering this 25-lb. bag for display purposes in hardware stores, other retail outlets.

Features of the container include:

• Bright blue and gold checkerboard front with suggested uses;

• A tuck-in pouring spout at bottom corner;

• Detailed how-to-use instructions printed on back.



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Today a new world is emerging from a thin shell of sand bound together with phenolic resins. This is the world of shell molded castings – economical, amazingly precise and free from flaws.

As a leader in creative chemistry, Reichhold is reaching out to the challenge of this great new world. It is expanding its facilities to meet the ever increasing demand for phenolic resins created by the shell molding process.

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Creative Chemistry . . . Your Partner in Progress

REICHHOLD

Uses of RCI Products

CANVAS, PAPER AND GLASS CLOTH LAMINATES: PLYOPHEN cresol, phenolic and resorcinol-formaldehyde resins and varnishes; RCI polyester resins.

CARBON PAPER: RCI inorganic chemical pigment colors.

CASTINGS: FOUNDREZ powdered phenolic resins (for the shell molding process); FOUNDREZ liquid phenolic resins and FOUNDREZ core oils (for core binders).

FURNITURE, PLYWOOD, FLOORING, HARDBOARD AND CHIPBOARD: HYDROPHEN phenolic glues; PLYACIEN protein glues; PLYAMINE urea-formaldehyde glues; PLYOPHEN phenolic and resorcinol-formaldehyde glues.

LEATHER: BECKOSOL alkyd resins (for leather finishes); PLYOPHEN resorcinol-formaldehyde resins, SUPER-BECKACITE pure phenolic resins, SYNTHE-COPAL ester gums (for leather adhesives).

LINOLEUM: BECKOSOL alkyd resins and PENTACITE pentaerythritol resins (for linoleum coatings); RCI inorganic chemical pigment colors.

PAINTS, VARNISHES AND LACQUERS: BECKACITE (1) fumaric, (2) maleic and (3) modified phenolic resins; BECKAMINE urea-formaldehyde resins; BECKOLIN synthetic oils; BECKOPOL modified phenolic resins; BECKOSOL (1) phenolated, (2) phthalic-free, (3) rosin modified, (4) pure drying and (5) pure non-drying alkyd resins; KOPOL processed Congo copals; PENTACITE pentaerythritol resins; STYRESOL styrenated alkyd resins; SUPER-BECKACITE pure phenolic resins; SYNTHE-COPAL ester gums; WALLKYD pure drying alkyd resins (for alkyd flat wall vehicles); WALLPOL vinyl-type copolymer latex emulsions (for latex flat wall coatings); RCI inorganic chemical pigment colors.

PAPER: BECKAMINE urea-formaldehyde resins (for adding wet strength, improving the wet rub of starch-clay coatings, and waterproofing starch adhesives); RCI inorganic chemical pigment colors (for paper coloring); STYRESOL styrenated alkyd resins (for paper coating).

PRINTING INKS: BECKACITE fumaric, maleic and modified phenolic resins; BECKOLIN synthetic oils; BECKOPOL modified phenolic resins; RCI inorganic chemical pigment colors.

TYPEWRITER RIBBONS: RCI inorganic chemical pigment colors.

WAXES AND POLISHES: BECKACITE modified phenolic and maleic resins; SUPER-BECKACITE pure phenolic resins; SYNTHE-COPAL ester gums.

RCI



Propylene glycol USP has the excellent solvent performance demanded by industry for perfumes, dyes, food flavors, and certain pharmaceuticals. Propylene glycol assists in the better dispersion of soaps, oils, waxes, and greases in water.

When used in cosmetic and brushless shaving creams, propylene glycol enhances the softening action on the skin and is an humectant for the creams. In brushless shaving creams, it aids in coupling the oils and lanolin in water.

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Octylene Glycol-1,3
Hexylene Glycol
2-Methoxymethyl-2,4-Dimethyl Pentanediol-1,5
Hexanetriol-1,2,6
Triol 230
2-Ethyl 2-Butyl-1,3-Propanediol

For further information on propylene glycol or any CARBIDE chemical, write for your copy of "Physical Properties of Synthetic Organic Chemicals" (F-6136) or the "Glycols" booklet (F-4763). Offices in principal cities—in Canada: Carbide and Carbon Chemicals, Limited, Toronto.

The term "Kromfax" is a registered trade-mark of Union Carbide and Carbon Corporation.

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CHEMICALS

Carbide and Carbon Chemicals Company
A Division of
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30 East 42nd Street New York 17, N. Y.



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Octylene Glycol-1,3
Hexylene Glycol
2-Methoxymethyl-2,4-Dimethyl Pentanediol-1,5
Hexanetriol-1,2,6
Triol 230
2-Ethyl 2-Butyl-1,3-Propanediol

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Chemical Week

BUYERS' GUIDE ISSUE

A McGRAW-HILL PUBLICATION

ALSOP Liquid Processing Equipment

FOR THE CHEMICAL & ALLIED INDUSTRIES



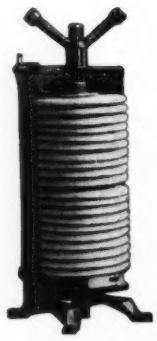
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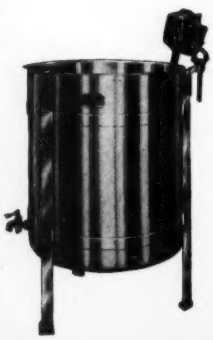
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Designed for all industrial oils, solvents and water. Using Asbestos Discs assembled in cartridge form, the "Disc-Pak" Filter completely removes dirt, rust, moisture, sludge, and all impurities. The Asbestos Disc Cartridges are made in eight different grades of porosity from coarse or fast flowing to finer grades that remove all impurities. "Disc-Pak" Filters are designed to hold from one to six Disc Cartridges offering a complete range of sizes or capacities up to 3600 g.p.h. Available in Brass and Bronze, or Stainless Steel with mounting bracket for stationary installation to pipe lines and tanks, or complete with suitable motor and pump mounted on a portable stand.



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SEPT. 19, 1953
PART TWO

Chemical Week

VOLUME 73
NUMBER 12

BUYERS' GUIDE ISSUE

Company Directory and Catalog Section . . . . . Page 2

—Alphabetical listing of names and addresses of manufacturers and suppliers of chemicals, raw materials, specialties, equipment, containers and supplies interspersed with company catalogs showing complete product lines.

Chemicals, Raw Materials, and Specialties . . . . . Page 95

—Comprehensive listing of chemical products including formulae, properties, uses, container information and suppliers.

Equipment, Containers, and Supplies . . . . . Page 675

—Comprehensive listing of equipment, containers and supplies and their manufacturers.

Used Equipment . . . . . Page 786

—List of used equipment and containers and their suppliers.

Trade Name Index . . . . . Page 790

—Trade names employed in the chemical process industries, with the names of the manufacturers and the products to which they refer.

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PUBLISHER . . . . . Wallace F. Traendly
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Business Staff & Regional Offices:

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Atlanta 3 . . . . . Robert H. Sidur, 1321 Rhodes-Haverty Bldg., Walnut 5778-2383
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The 29th Edition of the CHEMICAL WEEK BUYERS' GUIDE is edited specifically for buyers of raw materials, chemicals, equipment and containers in the chemical process industries. It is designed to provide easy-to-refer-to and up-to-date data on both products and sources of supply.

This year the Guide has been revised to enhance its convenience and usefulness. The Guide absorbed the McGRAW-HILL DIRECTORY OF CHEMICALS AND PRODUCERS in 1952 and the salient features of that reference are incorporated in this current issue.

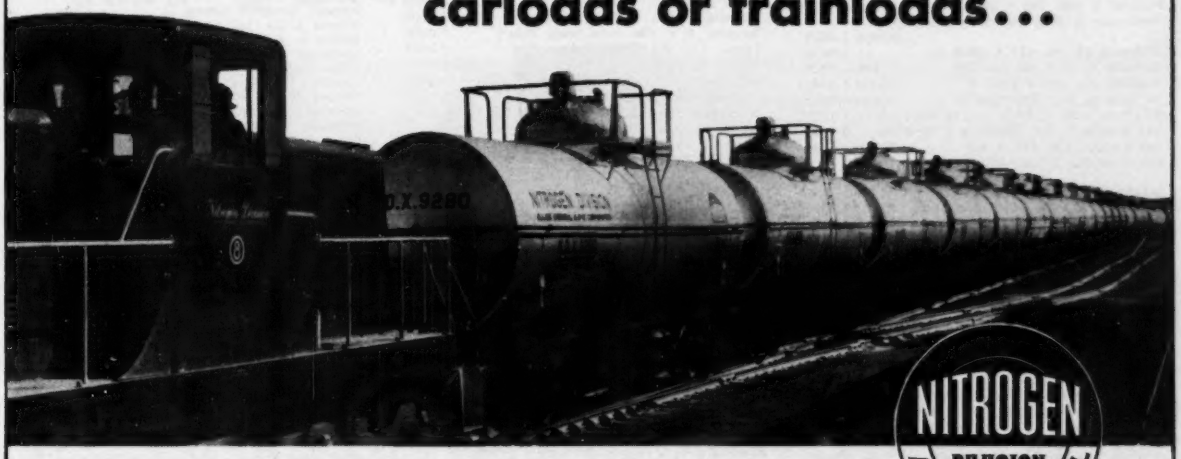
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Algo Chem Co, 1027 Deacon St, Detroit 17, Mich Vinewood 2-3537
Alkydol Labs, Inc, 3242 S 50 Ave, Cicero 50, Ill Olympic 2-7740
Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis Mitchell 5-5151
Boston 34, Mass, 24 Brighton Ave Stadium 2-0203
Chicago 10, Ill, 445 N LaSalle St Whitehall 4-1670
Cincinnati 2, Ohio, 2331 Reading Rd University 4445
Cleveland 3, Ohio, 4312 Carnegie Ave Express 1-2519
N Y 17, 155 E 44 St Murrray Hill 2-6070
Phila 4, Pa, 3614 Walnut St Evergreen 6-2240
Pittsburgh 16, Pa, 2721 W Liberty Ave Fieldbrook 1-2822
Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7 Rector 2-2955
ALLIED CHEM & DYE CORP, Nitrogen Div, 40 Rector St, N Y 6 Whitehall 3-7140
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Atlanta 3, Ga, 133 Carnegie Way N W Walnut 7805
Columbia 1, S C, 1203 Gervais St 36-676
Hopewell, Va, P O Box 61 2558
Ironton, Ohio, P O Box 98 3036
Richmond 19, Va, 1108 E Main St 7-4533
San Francisco 3, Cal, 1095 Market St Hemlock 1-0920
Allied Industrial Products Co, 225 W 34 St, N Y 1
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J Chester 141
Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis Sheridan 4-2510
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis Spring 4-3600
Akron 8, Ohio, First National Tower Portage 7648
Albuquerque, N M, 323 3 St S W 3-8487
Amarillo, Tex, Amarillo Bldg 3-1766
Atlanta 3, Ga, 57 Forsythe St N W Walnut 7116
Augusta, Me, 269½ Water St 463
Baltimore 18, Md, 1115 E 30 St Hopkins 44-80
Beaumont, Tex, 490 Bowie St 5-2535
Birmingham 3, Ala, 2000 1 Ave N 4-5494
Boston 16, Mass, 31 St James Ave Hubbard 2-3700
Buffalo 3, N Y, 535 Washington St Washington 1741
Charleston 1, W Va, 179 Summers St 3-9505
Charlotte 2, N C, 212 S Tryon St 2-3188
Chattanooga 2, Tenn, 737 Market St 7-4495
Chicago 3, Ill, 135 S LaSalle St Franklin 2-6480
Cincinnati 2, Ohio, 617 Vine St Main 7300
Cleveland 14, Ohio, 815 Superior Ave N E Main 1-5183
Dallas 2, Tex, 1800 N Market St Riverside 3306
Davenport, Iowa, 326 W 3 St 3-9793
Denver 1, Col, 1920 Market St Cherry 6556
Detroit 2, Mich, W Grand & 2 Blvds Trinity 1-2300
Duluth 2, Minn, 10 E Superior St 7-5061
El Paso, Tex, Corner Oregon & Mill Sts 3-7439
Evansville 9, Ind, 125 Locust St 4-8219
Fort Worth 1, Tex, 408 W 7 St Fanin 5083
Grand Rapids 2, Mich, 5-7 Lyon St N W 9-8249
Houston 3, Tex, 1719 McKinney Ave Preston 7188
Indianapolis 4, Ind, 11 S Meridan St Market 7415
Jackson, Mich, 297 W Michigan Ave 2-2419
Jacksonville 7, Fla, 2031 Hendricks Ave 98-1651
Kansas City 6, Mo, 6 E 11 St Victor 0132
Knoxville 2, Tenn, 531 S Gay St 2-2165
Los Angeles 13, Cal, 417 S Hill St Madison 6-2231
Louisville 2, Ky, 241 S 5 St Clay 7656
Memphis 3, Tenn, 46 N 3 St 5-0583
Miami 32, Fla, 327 N E 1 Ave 2-7744
Milwaukee 2, Wis, 715 N Van Buren St Marquette 8-4729
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NITROGEN DIVISION ALLIED CHEMICAL

Basic Products for Industry

ANHYDROUS AMMONIA:
Refrigeration Grade guaranteed 99.95% NH_3 minimum. Commercial Grade guaranteed 99.5% NH_3 minimum; 81.84% nitrogen.

AMMONIA LIQUOR:
Ammonium hydroxide—water solution. NH_4OH. "A" and "B" grades available.

AMMONIUM SULPHATE:
Sulphate of Ammonia. $(NH_4)_2SO_4$.

ETHYLENE OXIDE:
A reactive chemical intermediate for the synthesis of acids, alcohols, alkylanolamines, cyanohydrins, esters, ethers, glycols and halohydrins. For use in the manufacture of surface active agents such as detergents, emulsifiers, wetting and spreading agents, solubilizers and penetrants.

ETHYLENE GLYCOL:
A clear, colorless, practically odorless, hygroscopic liquid used in the antifreeze, cellophane, chemical, electrical, fiber, paint, plastics, rubber and other industries.

DIETHYLENE GLYCOL:
A clear, colorless, hygroscopic, non-corrosive liquid for use as a solvent, humectant and chemical intermediate.

METHANOL:
Synthetic methyl alcohol—99.85% pure.

FORMALDEHYDE:
Available in the following forms: 37% Inhibited, 37% Low-Methanol and 45% Low-Methanol.

NITROGEN TETROXIDE:
As an oxidant in liquid propellants, nitrogen tetroxide offers outstanding advantages to designers of rocket motors.

SODIUM NITRATE:
Supplied in three crystal sizes as ARCADIAN* Nitrate of Soda. On a dry basis it contains at least 99.5% $NaNO_3$.

UREA:
Nitrogen Division is a basic producer of Crystal Urea (carbamide), a high-purity product with many industrial uses.

U. F. CONCENTRATE-85:
A highly concentrated solution of formaldehyde that offers special advantages in the manufacture of urea-formaldehyde resins and adhesives.

●

Nitrogen Division products are the result of more than 60 years of experience. They are backed by an enviable reputation for high standards of product quality, enterprising research and reliable, dependable technical assistance and service. We welcome your inquiry about any of the products listed above.

*Reg. U. S. Pat. Off.

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 Rector Street, New York 6, N. Y.

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Oklahoma City 1, Okla, 401 N Harvey Regent 9-1631
Omaha 2, Neb, 14 & Farnam Sts Harney 8828
Peoria 2, Ill, 301 S Adams St 4-9279
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Providence 3, R I, 111 Westminster St Jackson 1-8820
Richmond 19, Va, 627 E Main St 3-6646
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Rockford, Ill, 303 N Main St Main 5-5721
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Salt Lake City 1, Utah, 136 S Main St 3-1723
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Youngstown 3, Ohio, 25 E Boardman St 3-5175

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Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J 3-4600
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Alrose Chem Co, Box 1294, Providence 1, R I Williams 1-3000
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Los Angeles 23, Cal, 3529 E Olympic Blvd Angeles 9-4265
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Portland, Ore, 1416 N W Hovt St Broadway 4167

Alsop Engrg Corp, 530 Center St, Milldale, Conn Southington 8-3661
N Y 17, 12 E 41 St Lexington 2-1472

Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa Atlantic 1-4545
Albany, N Y, 90 State St 4-0146
Allentown, Pa, 1132 Hamilton St Hemlock 3-7463
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Baltimore, Md, 400 Baltimore Life Bldg Saratoga 8091
Birmingham, Ala, 505 First National Bldg 4-8593
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Charlotte, N C, 616 Johnston Bldg 4-9751
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Cincinnati, Ohio, 801 Enquirer Bldg Parkway 7700
Cleveland, Ohio, 1450 Terminal Tower Cherry 1-6880
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Dallas, Tex, 301 Thomas Bldg Riverside 6292
Davenport, Iowa, 503 Kahl Bldg 2-6243
Denver, Col, 524 U S National Bank Bldg Acoma 0525
Dayton, Ohio, 306 Harries Bldg Hemlock 1112
Detroit, Mich, 610 New Center Bldg Trinity 1-8100
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Hartford, Conn, 517 Capitol Bldg 5-2192
Houston, Texas, 1804 Commerce Bldg Preston 7106
Indianapolis, Ind, 303 Guaranty Bldg Plaza 8303
Jackson, Mich, 1405 National Bank Bldg 2-8206
Kansas City, Mo, 2300 Power & Light Bldg Victor 5121
Los Angeles, Cal, 108 W 6 St Tucker 5121
Louisville, Ky, 1152 Starks Bldg Wabash 7456
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Milwaukee, Wis, 735 N Water St Broadway 6-1630
Minneapolis, Minn, 1060 Northwestern Bank Bldg Lincoln 7581
New Orleans, La, 627 Whitney Bldg Canal 3372
N Y, 230 Park Ave Murray Hill 6-8046
Newark, N J, 744 Broad St Market 2-6664
Oklahoma City, Okla, 1606 Liberty Bank Bldg Regent 6-5577
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Phila, Pa, 123 S Broad St Kingsley 5-0250
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Portland, Ore, U S National Bank Bldg Capitol 9861
Providence, R I, 814 Industrial Trust Bldg Jackson 1-4108
Richmond, Va, 627 E Main St 3-8393
Rochester, N Y, 1331 Lincoln Alliance Bank Bldg Baker 2630
St Louis, Mo, 10 Floor Continental Bldg Franklin 6700
San Francisco, Cal, 615 Russ Bldg Yukon 6-6484
Seattle, Wash, 1411 4 Ave Bldg Main 1868
South Bend, Ind, 805 J M S Bldg 2-3333
Springfield, Mass, 232 Tarbell Watters Bldg 3-5103
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Tampa, Fla, 504 Tampa Theatre Bldg 2-1984
Toledo, Ohio, 1801 Ohio Bldg Main 1281
Washington, D C, 1200 Ring Bldg District 7-9400
Wichita, Kan, 1011 Central Bldg 5-6624
Wilmington, Del, 301 Delaware Trust Bldg 6-6643
Worcester, Mass, 22 Pleasant St
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Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio Sherwood 1417

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Amend Drug & Chem Co, Inc, 117 E 24 St, N Y 10 Oregon 3-3850

Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal Kimball 1186
Chicago 40, Ill, 4554 N Broadway Long Beach 1-2940
Dallas 2, Tex, 1227 Levee St Riverside 9063
Jacksonville 4, Fla, 2404 Dennis St 4-3663
Newark 5, N J, 29 New York Ave Market 3-7667

American Agar & Chem Co, Hancock & W Washington Sts, Box 431, San Diego 12, Cal Woodcrest 6385

AMERICAN AGRICULTURAL CHEM CO, 50 Church St, N Y 7 Barclay 7-1400

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Alexandria, Va
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N Y, 551 5 Ave Murray Hill 7-4567
W Palm Beach, Fla, 3030 Washington Rd 3-6854

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Riverside (Burlington Co), N J, 301 Washington

American Bio-Synthetics Corp, 710 W National Ave, Milwaukee 4, Wis Orchard 2-1098

American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal Garfield 1-6653
Baltimore 3, Md, 1955 Chesapeake Ave Curtis 0606
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East Providence 14, R I, 466 Forbes St 1-3300
Inglewood, Cal, 1401 W Florence Ave Oregon 8-3891
Mobile, Ala, 205-A, St Louis St 8-1641
Oakland 1, Cal, 4525 San Leandro St Kellogg 3-0341
Perth Amboy, N J, 1200 State St 4-4200
Portland 10, Ore, 5501 N W Front Ave Capitol 1668
St Louis 17, Mo, 2406 Big Bend Blvd Hiland 1818
Salisbury, N C, 601 Milford Hills Rd
Seattle, Wash, Richmond Beach
Tucson, Ariz, 600 W Simpson St 3-0511
Washington 6, D C, 1150 Connecticut Ave N W District 7-3043

American Brass Co, 414 Meadow St, Waterbury 20, Conn 4-1121
Ansonia, Conn, 75 Liberty St
Atlanta 3, Ga, 161 Spring St N W
Buffalo 5, N Y, 70 Sayre St
Cambridge 42, Mass, 238 Main St
Cedar Rapids, Iowa, 624 Merchants Bank Bldg
Charlotte 2, N C, 213 Wilder Bldg
Chicago 39, Ill, 4501 W North Ave
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Cleveland 14, Ohio, 2906 Chester Ave
Dallas 1, Tex, 1521 Fidelity Union Life Bldg
Denver 2, Col, 909 17 St
Detroit 31, Mich, 174 S Clark Ave
Houston 2, Tex, 1114 Texas Ave Bldg
Kenosha, Wis, 1420 63 St
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Milwaukee 4, Wis, 1033 W Bruce St
Minneapolis 2, Minn, 607 Marquette Ave
N Y 4, 25 Broadway
Newark 2, N J, 744 Broad St
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Pittsburgh 19, Pa, 603 Grant Bldg
Providence 3, R I, 200 Chestnut St
Rochester 4, N Y, 409 Clinton Bldg
St Louis 3, Mo, 1010 Shell Bldg
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Syracuse 2, N Y, 1901 State Tower Bldg
Torrington, Conn, 179 Water St
Washington 5, D C, 1511 K St N W
Waterbury 20, Conn, 414 Meadow St

American-British Chem Supplies, Inc, 180 Madison Ave, N Y 16 Murray Hill 6-0661

American Can Co, 100 Park Ave, N Y 17 Murray Hill 6-4900
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Phila, Pa, Suburban Station Bldg
St Louis, Mo, 705 Olive St
San Francisco, Cal, 111 Sutter St
Washington, D C, 1625 K St N W

American Chain & Cable Co, Inc, Bridgeport, Conn 5-0161
ACCO Casting Div, Reading, Pa
American Chain Div, York, Pa
Helicoid Gage Div, Bridgeport, Conn
Page Steel & Wire Div, Monessen, Pa
R-P&C Valve Div, Reading, Pa
Wilson Mechanical Instrument Div, 230 Park Ave. N Y 17
Wright Hoist Div, York, Pa

American Chain Div, American Chain & Cable Co, Inc, York, Pa
Atlanta Ga, 1401 Howell Mill Rd N W Elgin 5717
Chicago 6, Ill, 400 W Madison St Central 6-9324
Denver 2, Col, 2125 Blake St Tabor 0197
Detroit 2, Mich, 601 Stephenson Bldg Trinity 5-4104
Los Angeles 21, Cal, 2475 Porter St Michigan 6403
N Y 17, 230 Park Ave Murray Hill 6-8800
Phila 25, Pa, 2 & Diamond Sts Regent 9-7460
Pittsburgh 22, Pa, 908 Empire Bldg Atlantic 1-3550
Portland, Ore, 935 N W 12 Ave
San Francisco 7, Cal, 695 Bryant St Sutter 1708

American Chem Paint Co, Ambler, Pa 1700
Detroit 11, Mich, 6335 E Palmer Walnut 1-3573
Niles, Cal 3071

American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill Superior 7-5637

American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20 Circle 7-0100
Azusa, Cal Fleetwood 4-1241
Brewster, Fla Mulberry 3201
Chicago, Ill, 3505 N Kimball Ave Cornelia 7-6400
Little Rock, Ark, Donaghey Bldg 4-7752

AA QUALITY CHEMICALS



The AMERICAN AGRICULTURAL CHEMICAL Co.

For over 85 years manufacturers of high-quality products, we present this convenient and briefly descriptive list of chemicals which we manufacture.

Because of their exceptional purity and uniformity, they are of special interest to the drug, food, film and other industries.

Your inquiries are invited. Your particular needs will receive the prompt and co-operative attention of our entire staff. Write or phone: Chemical Department, The American Agricultural Chemical Co., 50 Church Street, New York 7, N. Y., or our nearest office, listed on a following page.

PHOSPHORIC ACID

	FORMULA	GRADES	PACKING	USES
PHOSPHORIC ACID	H_3PO_4	85% N.F. Grade—Specific Gravity 1.71 75% Pure Food Grade—Specific Gravity 1.58 50% Pure Food Grade—Specific Gravity 1.34	Carboys, tank trucks, Drums (returnable). Carboys, Tank trucks, tank cars, Drums (returnable). Carboys.	Manufacture of pharmaceuticals, inorganic phosphates; acidulator for essences, jellies, mineral waters, soft drinks; rustproofing compounds; electropolishing; lakes in cotton dyeing; sugar defecant and clarifier; yeasts; waxes and polishes; binder for ceramics. Activated carbon production. Silage preservative.
		PHOSPHATES		
DISODIUM PHOSPHATE	$Na_2HPO_4 \cdot 12H_2O$	Technical Crystalline	Barrels, 5-ply paper bags	Manufacturing detergents, boiler compounds; chinaware; in chemical processing and dyestuffs; preparation of enamels; tinning, soldering; tanning, pigments, textiles; silk weighting, dyeing, calico printing, fireproofing agent.
TRISODIUM PHOSPHATE	$Na_3PO_4 \cdot 12H_2O$	Technical Crystalline	Barrels, 5-ply paper bags	As a detergent; manufacturing household and industrial cleansers; for dishwashing, laundry, boiler and water softening compounds; sugar clarification. Paint remover, metal cleaning, metal working.
***PHOS-FEED BRAND DICALCIUM PHOSPHATE** *Reg. U. S. Pat. Off.		Feed Phosphorus—18.5% min. Calcium—25% min. Fluorine—40 P.P.M. max.	5-ply paper bags Bulk	Mineral supplement for animal and poultry feeds.

PHOSPHORUS AND COMPOUNDS OF PHOSPHORUS

	FORMULA	GRADES	PACKING	SHIPPING REGULATIONS	USES
ELEMENTAL PHOSPHORUS Yellow-White	P	Solid, Segments	Steel drums (returnable)	Yellow label Inflammable Solid	Manufacture of phosphoric acid, phosphate salts; compounds of phosphorus, rodent poisons, copper and bronze alloys; flares, smoke screens, pyrotechnics.
PHOSPHORUS RED (AMORPHOUS)	P	Powder, Technical	11 lb. tins (10 tins per case) 100 lb. drums (non-returnable)	Yellow label Inflammable Solid	Manufacture of matches, pyrotechnics, flares.
PHOSPHORUS PENTASULPHIDE	P_2S_5	Powder, Lump. Technical	Steel drums (non-returnable)	Yellow label Inflammable Solid	Additive for lubricating oils and synthetic organic chemistry.
PHOSPHORUS SESQUISULPHIDE	P_4S_3	Powder, Lump. Technical	Steel drums (non-returnable)	Yellow label Inflammable Solid	Manufacture of matches, pyrotechnics; synthetic organic chemistry.
FERRO PHOSPHORUS (Iron Phosphide)		24% to 26% Phosphorus Technical	Barrels Bulk-gondola cars		Foundries: To increase fluidity of iron and steel castings. Steel: In sheet steel to prevent sticking of sheets in final rolling. Wire: In wire to give stiffness and better surface for drawing.
SLAG		Dust, ⅜", 2½"	Bulk only		Manufacture of rock wool; road building and general filler.

FLUORIDES AND FLUOSILICATES

	FORMULA	GRADES	PACKING	SHIPPING REGULATIONS	USES
SODIUM FLUORIDE	NaF	Powder, Granular. Technical	Fibre drums Small packages	Poison—red printing on white label.	Flux in rimmed steel ingots, electro-plating; heat-treating salts; glass manufacture; pesticides; fluoridation of water.
AMMONIUM FLUOSILICATE	$(NH_4)_2SiF_6$	Technical	Fibre drums	Poison—red printing on white label.	As a laundry sour; in magnesium metal casting; moth proofing compounds; glass etching; electro-plating copper on zinc and iron.
MAGNESIUM FLUOSILICATE	$MgSiF_6 \cdot 6H_2O$	Technical	Fibre drums	Poison—red printing on white label.	Hardening and waterproofing surface of concrete, stucco and brickwork; moth proofing compounds; waterproofing specialty products.
POTASSIUM FLUOSILICATE	K_2SiF_6	Technical	Fibre drums	Poison—red printing on white label.	Flux for removal of magnesium from aluminum metal; as a sand inhibitor in magnesium metal casting.
SODIUM FLUOSILICATE	Na_2SiF_6	Technical	Barrels Bags	Poison—red printing on white label.	Ceramic glazes, opal glass, artificial marble, insecticide, laundry sour; preservative in glue and leather; aluminum metal refining; fluoridation of water.
ZINC FLUOSILICATE	$ZnSiF_6 \cdot 6H_2O$	Technical	Fibre drums	Poison—red printing on white label.	Moth proofing agent for textiles; laundry sour; moth proofing compounds.
FLUOSILICATE MIXTURE	75% Magnesium Fluosilicate 25% Zinc Fluosilicate	Technical	Fibre drums	Poison—red printing on white label.	Hardening and waterproofing surface of concrete, stucco and brickwork.

FLUORIDES AND FLUOSILICATES (Continued)

	FORMULA	GRADES	PACKING	SHIPPING REGULATIONS	USES
AMMONIUM FLUOBORATE	NH_4BF_4	Technical	Fibre drums	Poison: red printing on white label	Fluxing and plating of metals.
ALUMINUM FLUORIDE	$AlF_3.3\frac{1}{2}H_2O$	Technical	Fibre drums	Poison: red printing on white label	Ceramics, glass, fermentation.
SYNTHETIC CRYOLITE	Na_3AlF_6	Technical	Fibre drums	Poison red printing on white label	Insecticide, ceramics, glass.
MAGNESIUM FLUORIDE (SPECIAL No. 100)		Technical	Fibre drums	Poison: red printing on white label	Metal Flux.

KEYSTONE GELATIN

	FORMULA	GRADES	PACKING	USES
*KEYSTONE GELATIN	$C_{103}H_{151}O_{39}N_{31}$	EDIBLE:— Silver Label, Flakes. Various Jelly strengths and otherwise to specifications. Granulated and Flakes.	Fibre drums	Meats, candy, baking, ice cream, gelatin desserts, jellied foods, and other food products.
		PHOTOGRAPHIC:— Film and paper emulsion types. Lithogel—for photo-gelatin printing.	Fibre drums	Photographic films, plates, papers. Photo lithography and photo-gelatin engraving. Collotype printing and silk screen stencils.
		PHARMACEUTICAL:— Pharmagels "A" & "B" Capsule grades & specialty items	Fibre drums	Hard capsules, soft capsules, suppositories, pill coating, emulsions and culture media.
		TECHNICAL:— Granulated	Fibre drums	Print rollers, sizings, emulsions, decalcomanias and a protective colloid.

BONE PRODUCTS

		GRADES	PACKING	USES
ANIMAL BONE CHARCOAL	A solid amorphous black resulting from the charring of clean cattle bones.	Standard grades from ½" to fine powdered.	Bags Barrels	Clarifying cane sugar, glucose and oils; water purifying, decolorizing, deodorizing, and air filtration.
BONE BLACK PIGMENT (COSMIC*) BLACKS	An amorphous black pigment, air floated for extra fineness.	25 standard grades	Barrels Cartons	In paint, varnish, lacquer, artificial leather, plastics, printing ink, blackings, polishes.
BONE ASH	"A" Grade Approx. 41% P_2O_5—56% CaO Calcined steamed bone. "O" Grade Approx. 53% P_2O_5—46.5% CaO Calcined Dicalcium Phosphate.	Approx. 200 mesh	Bags Barrels	Ceramics, enamel and glassware; copper refining, smelting, cupels.
BONE OIL	Commercial Names: Dippel's Oil, Hartshorn Oil, Bone Tar.	Technical	Steel drums Tank cars	Manufacture of organic preparations, pyridine, pyrrole; as a denaturant; in medicine.
PRECIPITATED BONE PHOSPHATE	Dicalcium Phosphate	Technical Animal Feed Grade	Bags Barrels	In poultry and livestock feed; glass and ceramic flux; special bleaching compounds.

*Reg. U.S. Pat. Off.

KEYSTONE AMMONIUM CARBONATE

	FORMULA	GRADES	PACKING	USES
*KEYSTONE AMMONIUM CARBONATE U.S.P.	A sublimed product consisting of $NH_4HCO_3.NH_2.COO.NH_4$	Chips Lump Powdered	Steel drums Fibre drums Kegs, 5 lb. cans (in cartons)	Bakeries, pharmaceuticals, smelling salts, malt preparations, special glass and chemical processes.

SALT CAKE

	FORMULA	GRADES	PACKING	USES
SALT CAKE	Na_2SO_4	Technical	Bulk, in carloads only	Plate and window glass flux; Kraft paper; ceramic glazes.

SULPHURIC ACID

	FORMULA	GRADE	PACKING	SHIPPING REGULATIONS	USES
SULPHURIC ACID	H_2SO_4	60 degree Baume 77.6% H_2SO_4	Tank cars Tank trucks	White label	Fertilizers, explosives, leather industry, manufacture of various chemicals, pickling iron and steel, precious metal refining, electroplating, metal cleaning, metallurgy, batteries, rubber reclaiming; textile industry; manufacture of fatty acids.

INSECTICIDES AND FUNGICIDES

Dry Lead Arsenate
Calcium Arsenate
Derox 0.75% Rotenone
Nicotine *Pyrox—garden spray
***Pyrox—with Arsenical—no nicotine**
Potato Powder No. 1
***Phosphodust—Diluent for dusts and sprays**

FERTILIZER AND FERTILIZER MATERIALS

***AGRICO—the Nation's Leading Fertilizer**
***AA QUALITY Fertilizers**
****18% NORMAL Superphosphate**
***AA QUALITY Ground Phosphate Rock**
SUPERPHOSPHATE
PHOSPHATE ROCK—Florida Land Pebble
***AGRINITE—the organic Plant Food**

*Reg. U.S. Pat Off.
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Your inquiries are invited. Write or phone Chemical Department

The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church Street, New York 7, N. Y., or our nearest office, listed below:

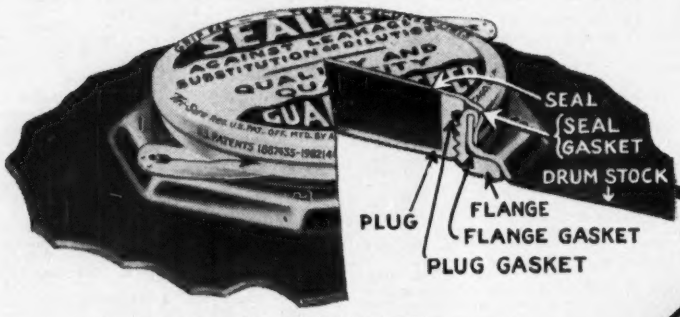
Alexandria, Va.
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Phoenix, N. Y.
Pierce, Fla.
Port Hope, Ontario, Can.
Saginaw, Mich.
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Spartanburg, S. C.

St Louis, Mo, 5025 Patterson Ave Mohawk 5306
San Francisco, Cal, 111 Sutter St Garfield 1-4959
Winchester, Va, P O Box 808 3609
AMERICAN CYANAMID CO, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20 Circle 7-0100
See Catalog Pg. 13-16
Baltimore 30, Md, Russell & Bayard Sts Plaza 1800
Boston 15, Mass, 1055 Commonwealth Ave Stadium 2-6000
Charlotte 1, N C, 3333 Wilkinson Blvd 2-7721
Chicago 18, Ill, 3505 N Kimball Ave Cornelia 7-6400
Cincinnati 2, Ohio, 904 First National Bank Bldg Dunbar 2600
Cleveland 14, Ohio, 711 Leader Bldg Cherry 1-1933
Detroit 2, Mich, 931 Fisher Bldg Trinity 4-1450
Houston 2, Tex, 508 Melrose Bldg Capitol 7850
Kalamazoo 99, Mich, 2715 Miller Rd 5-0124
Los Angeles 22, Cal, 2300 S Eastern Ave Angelus 3-7241
Mobile 11, Ala, 100 N Royal St 8-4646
N Y 18, 48 W 38 St Circle 7-0100
Phila 8, Pa, 401 N Broad St Lombard 3-6422
St Louis 10, Mo, 5025 Pattison Ave Mohawk 5306
San Francisco 4, Cal, 111 Sutter St Garfield 1-4959
Seattle 4, Wash, 2203 1 Ave S Seneca 0335
Waterbury, Conn, First National Bank Bldg 5-2262
American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20 Circle 7-0100
American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20 Circle 7-0100
Boston 15, Mass, 1055 Commonwealth Ave Stadium 2-6001
Charlotte 1, N C, 3333 Wilkinson Blvd 7721
Chicago 18, Ill, 3505 N Kimball Ave Cornelia 7-6400
Cincinnati 2, Ohio, 904 First National Bank of Cincinnati Bldg Dunbar 2600
Cleveland 12, Ohio, 711 Leader Bldg Main 1-8292
Los Angeles 22, Cal, 2300 S Eastern Ave Angelus 3-7241
N Y 18, 48 W 38 St Circle 7-0100
Phila 8, Pa, 401 N Broad St Lombard 3-6422
San Francisco 4, Cal, 111 Sutter St Garfield 1-4959
Seattle 4, Wash, 2203 1 Ave S Seneca 0335
Washington 5, D C, 416 Washington Bldg, 15 St & New York Ave Executive 1833
American District Steam Co, Inc, Bryant St, N Tonawanda, N Y Jackson 5660
Chicago 6, Ill, 205 W Wacker Dr Randolph 6-6961
Cleveland, Ohio, 1105 Chester Ave Superior 1-6533
Detroit 1, Mich, 415 Brainard St Temple 2-7511
N Y 17, 270 Park Ave Bldg Plaza 3-1998
Phila 6, Pa, 326 Bourse Bldg, 5 & Market Sts Lombard 3-7590
Pittsburgh 22, Pa, 1937 Oliver Bldg Grant 1-7697
American Dyewood Co, Main & Joralemon Sts, Belleville, N J Plymouth 9-7700
Chicago, Ill, 110 N Franklin St State 2-0327
Danvers, Mass, P O Box 178 867
Phila, Pa, 33 & Arch Sts Evergreen 2-4955
American Firstoline Corp, 420 Lexington Ave, N Y 17 Murray Hill 3-3200
AMERICAN FLANGE & MFG CO, INC, 30 Rockefeller Plaza, N Y 20, N Y Plaza 7-2200
See Catalog Pg. 10-11
Chicago 44, Ill, 825 S Kilpatrick Ave
Linden, N J, 1100 W Blancke St
American Flexible Coupling Co, 1801 Pittsburgh Ave, Erie 1, Pa 4-6631
Buffalo 2, N Y, 405 McKinley Bldg, 259 Delaware Ave MA 5456
Chicago 4, Ill, 141 W Jackson Blvd WA 2-0449
Cincinnati 2, Ohio, 1303 Union Trust Bldg MA 4520
Cleveland 15, Ohio, 2443 Prospect Ave PR 1-5939
Denver, Col, 1700 15 St MA 3221
Detroit, Mich, 1144 W Baltimore Ave TR 5-0950
Greensboro, N C, P O Box 682 2-7092
Houston 6, Tex, 2419 South Blvd JA 6056
Los Angeles, Cal, 181 La Verne Ave (Long Beach 3) 8-0681
Minneapolis 3, Minn, 100 E 14 St GE 2041
N Y 6, 140 Cedar St Digby 9-1751
Phila 40, Pa, 8117 Germantown Ave WI 7-3332
Portland 9, Ore, 1215 N W Everett St Bea 1945
Richmond, Va, 403 E Franklin St 2-6649
San Francisco, Cal, 889 Bryant St UN 3-5010
Seattle 6, Wash, 1717 W Austin St WE 7208
Syracuse, N Y, 509 S West St 4-2136
Tampa 6, Fla, P O Box 1125 83-4901
Youngstown 11, Ohio, Box 431 (N Lima) 9-3717
American Grease Stick Co, Muskegon, Mich 3-2101
American Hard Rubber Co, 93 Worth St, N Y 13 Canal 6-3900
American Lab Furniture Co, 2121 W Kenmere Ave, Burbank, Cal Rockwell 9-1458
American-LaFrance-Foamite Corp, 130 E LaFrance St, Elmira, N Y 8181
Atlanta 3, Ga, 181 Spring St N W
Boston 34, Mass, 28 Brighton Ave
Chicago 11, Ill, 445 N Lake Shore Dr
Cleveland 14, Ohio, 1371 E 18
Dallas 4, Tex, 3310 Swiss Ave
Denver 2, Col, 1741 Arapahoe St
Detroit 4, Mich, 8059 Grand River Ave (Fire Equipment Co)
Houston 3, Tex, 11 N Palmer St
Kansas City 2, Mo, 3625 Main St
Los Angeles 21, Cal, 733 E 8 St
New Orleans, La, 2339 Tchoupitoulas St
N Y, 32-20 38 Ave (L I C 1, N Y)
Phila 8, Pa, 401 N Broad St
Pittsburgh 12, Pa, 601-603 Suismon St (Industrial Fire Equipment Firefoam Sales Co)
Portland 5, Ore, 328 S W 11 Ave
St Louis 12, Mo, 6044 Delmar Blvd
Salt Lake City 2, Utah, 257 E 2 S St
San Francisco 3, Cal, 24 12 St
Seattle 22, Wash, 516 E Pike St
Spokane 4, Wash, 930 W 2 Ave
Tulsa 3, Okla, 1009 S Main St
Washington 5, D C, No 1 Thomas Circle, Store No 5
American Lanolin Corp, 13 Railroad St, Lawrence, Mass 3-2729
Lakewood, Ohio, 14901 Lake Ave
American Lecithin Co, Inc, 57-01 32 Ave, Woodside 77, N Y Astoria 4-4350
Atlanta 2, Ga, 451 Stephens St S W
American Lignite Products Co, P O Box 5, Ione, Cal Ione 147F2
Carbondale, Pa, P O Box 338 (De Angelis Coal Co) 1920
N Y 7, 70 Warren St, (J T Connolly Co) Cortland 7-5655
San Francisco, Cal, 1515 3 St, (E S Browning Co) Douglas 2-0631
American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J 2-9354
American Locomotive Co, 30 Church St, N Y 8 Cortland 7-8660
Chicago 4, Ill, 909 McCormick Bldg Wabash 2-6234
Houston, Texas, 543 Nellie Esperson Bldg Capital 0273
Kansas City 6, Mo, 606 Commerce Trust Bldg Grand 8505
Los Angeles 17, Calif, 1715 W 6 St Dunkirk 8-8161
Tulsa 1, Okla, 200-206 N Denver St Tulsa 5-2151
American Mach & Foundry Co, 511 5 Ave, N Y 17 Murray Hill 7-3100
Dallas 2, Tex, 2106 Irving Blvd Prospect 1368
San Francisco 3, Cal, 1258 Mission St Underhill 3-5783
American Maize Products Co, 100 E 42 St, N Y Murray Hill 3-9200
Atlanta, Ga, 965 Crescent Ave N E Vernon 1037
Boston, Mass, 11 Elkins St South Boston 8-5007
Bklyn, N Y, 110 Commerce St Main 5-2718
Chicago, Ill, 100 W Monroe St Randolph 6-0956
Decatur, Ga, 1408 Medlock Rd
Denver, Col, 1863 Wazee St Keystone 2371
Fort Worth, Tex, 3028 Santage Fairview 1200
Los Angeles, Cal, 751 Terminal St Mutual 4123
Memphis, Tenn, 1371 Semmes St 5-0476
Phila, Pa, 437 Chestnut St Lombard 3-4091
Pittsburgh, Pa, 435 Wabash Bldg Atlantic 1-3580
St Louis, Mo, 4313 Schimer St Central 2894
St Paul, Minn, 1747 Bohland Ave Nestor 4487
San Francisco, Cal, 451 Montgomery St Garfield 1-0131
Syracuse, N Y, 131 Ridgewood Dr 73-3864
American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash El 3311
American-Marsh Pumps, Inc, 60 Capitol Ave N E, Battle Creek, Mich 6131
N Y 17, 441 Lexington Ave Murray Hill 7-7493
American Meter Co, Inc, 1513 Race St, Phila 2, Pa Rittenhouse 6-7876
Albany 1, N Y, 991 Broadway
Alhambra, Cal, 1000 Meridian Ave (Reliance Regulator Div)
Atlanta 5, Ga, P O Box 266 Northside Sta
Baltimore 2, Md, 706 Maryland Trust Bldg
Birmingham 3, Ala, 418 Watts Bldg
Boston 13, Mass, 455 Commercial St
Chicago 3, Ill, 122 S Michigan Ave
Dallas, Tex, 1313 Magnolia Bldg
Denver 2, Col, 415 First National Bank Bldg
Houston, Tex, 1109 City National Bank Bldg
Kansas City 6, Mo, 917 Dwight Bldg
Los Angeles 21, Cal, 2118 E 7 Pl
Minneapolis, Minn, 3100 Humboldt Ave S
N Y 17, 60 E 42 St
Odessa, Tex, P O Box 1751
Omaha, Neb, 1109 W O W Bldg
Pittsburgh 22, Pa, 438 Oliver Bldg
San Francisco 7, Cal, 950 Tennessee St
Tulsa 1, Okla, 829 Kennedy Bldg
Wynnewood, Pa, P O Box D
American Mineral Spirits Co, 155 E 44 St, N Y 17 Murray Hill 2-6490
Atlanta, Ga, 900 Peachtree St N E Elgin 4841
Buffalo, N Y, Box 73, Sta B Bedford 1572
Carteret, N J 8-5161
Chicago, Ill, 230 N Michigan Ave Andover 3-3050
Cincinnati, Ohio, 4619 Reading Rd Melrose 1910
Cleveland, Ohio, 3470 W 140 St Clearwater 1-3370
Conshohocken (Phila) Pa, Caldwell Lane 6-1010
Detroit, Mich, 6472 Selkirk Ave Walnut 1-6350
Fort Wayne, Ind, Maumee Ave & Beuter Rd Anthony 0213
Grand Rapids, Mich, 1500 Century Ave S W 5-9111
Houston, Tex, 8501 Market St Rd Orchard 6683
Indianapolis, Ind, 1650 Luett Ave Atlantic 1361
Jackson, Miss, 619 Plaza Bldg 3-9627
Milwaukee, Wis, 1719 S 83 St Greenfield 6-2630
New Orleans, La, 1354 Jefferson Hway Temple 3777
Newark, N J, 10 Commerce Court Mitchell 2-8513
Providence, R I, 370 Allens Ave Hopkins 1-1300
Rahway, N J 1571 Irving St 7-8900
St Louis, Mo, 419 De Soto Ave Garfield 3495
San Francisco, Cal, 725 2 St Douglas 2-6511
Somerville (Boston), Mass, 60 Foley St Prospect 8100
South Gate (Los Angeles), Cal, 8600 S Garfield Ave Topaz 2-8101
Toledo, Ohio, Central Ave & Reynolds Rd Jordan 0761
American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y Main 5-7450
Columbus, Ohio, 8 E Long St Main 4877
American Monomer Corp, 511 Lancaster St, Leominster, Mass 3347
Chicago, Ill, 809 W Madison St Haymarket 1-6557
Los Angeles, Cal, 422 E 3 St Mutual 4564
N Y 38, 21 Spruce St Beekman 3-4465
American Optical Co, Southbridge, Mass 90
American Platinum Works, 231 New Jersey RR Ave, Newark 5, N J Market 2-8035
American Polymer Corp, 101 Foster St, Peabody, Mass Peabody 2222
Chicago, Ill, 809 W Madison St Haymarket 1-6557
Los Angeles, Cal, 422 E 3 St Mutual 4564
N Y 38, 21 Spruce St Beekman 3-4465
American Potash & Chem Corp, 122 E 42 St, N Y 17 Murray Hill 5-7142
Atlanta 3, Ga, 214 Walton Bldg Walnut 3361
Los Angeles 54, Cal, 3030 W 6 St (Executive Office) Dunkirk 2-8231
American Products Mfg Co, Inc, 8127-33 Oleander St, New Orleans 18, La GA 1501
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo Sterling 6100
American Quinine Co, 15 William St, N Y 5 Hanover 2-7983
American Resinous Chem Corp, 103 Foster St, Peabody, Mass 2222
Chicago, Ill, 809 W Madison St Haymarket 1-6557
N Y 38, 21 Spruce St Beekman 3-4465
American Roland Corp, 16 Hudson St, N Y Digby 9-0170
American Sterilizer Co, 12 & Plum Sts, Erie, Pa 4-8105
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind 5-2141
Birmingham 3, Ala, 544 American Life Bldg 3-332.
Buffalo, N Y, 528 White Bldg, 298 Main S. Washington 793.
Chicago 26, Ill, 1737 Howard St Briargate 4-4416
Cincinnati 2, Ohio, American Bldg Cherry 4175
Cleveland 15, Ohio, 402 Swetland Bldg, 1010 Euclid Ave Prospect 1-0467
Detroit 2, Mich, 103 Pallister Trinity 5-6800
Greensboro, N C, 211 W Sycamore 2-5198
Hoboken, N J, 53 Newark St Bldg 2-8550
Houston 2, Tex, 531 Esperson Bldg Fairfax 9479
Los Angeles 58, Cal, P O Box 15442, 2856 Leonis Blvd Lucas 5465
Milwaukee 3, Wis, Empire Bldg Broadway 2-7663
N Y 17, 103 Park Ave Murray Hill 5-4000
Phila 18, Pa, 711 Bethlehem Pike Chestnut Hill 7-8696
Pittsburgh 28, Pa, 91 Central Sq Locust 1-7744
St Louis 8, Mo, 4378 Lindell Blvd Lucas 1917
Salt Lake City, Utah, 1850 S 21 E 6-5018
San Carlos, Cal, 852 Laurel St Lytell 3-9467
San Francisco 5, Cal, 607 Market St Exbrook 2-8988
Seattle 2, Wash, 114 Broadway N Minor 2090
Springfield, Mass, 439-441 Longmeadow St 4-5461
American Writing Ink Co, Inc, 15 Hathaway St, Boston 10, Mass Hubbard 2-9167
American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo Central 5390
Chicago, Ill, 77 W Washington St Central 6-5407
Columbus, Ohio, 1363 Windsor Ave University 4101
N Y 17, 420 Lexington Ave Murray Hill 6-4968
Amersil Co, Inc, 1471 Chestnut St, Hillside, N J Waverly 3-7000
Ames Iron Works, Inc, Oswego, N Y 920
N Y, 149 Broadway Rector 2-5959
Ampco Metal, Inc, 1730 S 38 St, Milwaukee 46, Wis Mitchell 5-3750
Buffalo, N Y, 3053 Main St Parkside 5875
Burbank 9, Cal, 30 E Burbank Blvd Charleston 8-5504
Chicago 12, Ill, 2400 W Madison St Monroe 6-5914
Cincinnati 37, Ohio, Roselawn Center Bldg, Section & Reading Rds Jefferson 0261
Cleveland 13, Ohio, United Office Bldg, 25 & Lorain Ave Prospect 1-8345
Detroit 1, Mich, Garfield Bldg, 4612 Woodward Ave Temple 2-2540
Hartford 3, Conn, Capital National Bank Bldg, 410 Asylum St 6-5916
Houston 6, Tex, 4215 Graustark St, P O Box 6125 Keystone 9209
Indianapolis 4, Ind, 230 S Pennsylvania St Atlantic 0284
Milwaukee 46, Wis, 1745 S 38 St Mitchell 5-3750
Newark 2, N J, 1060 Broad St Market 3-2689
Phila 4, Pa, Wilford Bldg, 33 & Arch Sts Evergreen 6-1131
Pittsburgh 22, Pa, Park Bldg, 5 & Smithfield Sts Atlantic 1-2458
Ampion Corp, 4-88 47 Ave, L I C 1, N Y Stillwell 4-3374
Amplex Mfg Co Sub, Chrysler Corp, 6501 Harper Ave, Detroit 31, Mich Walnut 1-6733
Analytical Measurements Inc, 585 Main St, Chatham, N J 4-3790
Anchor Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio 3000
Atlanta 3, Ga, 305 Bona Allen Bldg Alpine 4856
Baltimore 2, Md, 530 Mathieson Bldg Mulberry 0924
Cambridge 42, Mass, 238 Main St University 4-9242
Chicago 54, Ill, 1572 Merchandise Mart Delaware 7-4200
Cincinnati 2, Ohio, 938 Enquirer Bldg Garfield 1122
Cleveland 14, Ohio, 1287 Union Commerce Bldg Superior 1-9170
Denver 5, Col, 3101 Walnut St Tabor 8798
Detroit 26, Mich, 812 Michigan Bldg Woodward 3-8686
Fresno 21, Cal, 416 Mason Bldg 6-4842
Houston 1, Tex, P O Box 99 Charter 2928
Los Angeles 22, Cal, 4855 E 52 Pl Lucas 7111
Louisville 2, Ky, 1551 Starks Bldg Amherst 2472-3

AMERICAN FLANGE & MANUFACTURING CO. INC.

30 Rockefeller Plaza, New York 20, N. Y.

Tri-Sure Products Limited, St. Catharines, Ontario, Canada



Cross-section view of Tri-Sure Closure

Tri-Sure
CLOSURES



The Tri-Sure* Closure is used in more countries, by more companies and for more products than any other drum closure—because it is recognized as the most reliable means of ensuring the delivery of the exact quantity and quality which the shipper puts into the container.

The Tri-Sure "Margin of Safety"

The Tri-Sure Closure provides a margin of safety which far surpasses the requirements of the average container:

Safety from Leakage and Seepage
Safety from Internal and External Pressure
Safety from Breathing-in and Contamination
Safety from Pilferage and Substitution

This multiple assurance of safety is achieved by the proper interengagement of three precisely formed parts—a flange, a plug and a seal.



Tri-Sure Flange before insertion



Tri-Sure Flange, inserted

TRI-SURE FLANGES

The Tri-Sure Flange receives the Tri-Sure Plug uniformly, completes a contained seat for the plug gasket, and effects leak-proof, tamper-proof engagement with the Tri-Sure Seal.

As Strong as the Drum Itself

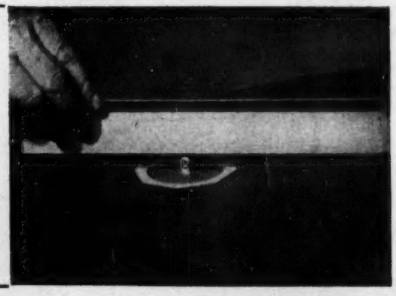
The drum stock is formed with an octagonal seat to receive snugly the base of the flange, and an upstanding collar into which the neck of the flange fits snugly. The neck of the flange extends above the collar, and is curled down over it so that the flange gasket is compressed between the flange and the drum stock. This exclusive Tri-Sure assembly resists rotation, distortion and leakage. Tri-Sure Flanges are made of steel, in 2", 1¼" and ¾" sizes, and may be ordered Unplated, Zinc-plated, Tin-plated, Stainless Steel or Lacquered. Aluminum Flanges are also available. Tri-Sure Flanges are equipped with Buna N gaskets as standard; Neoprene and other gaskets are available. Threads are American standard straight pipe threads. British Whitworth threads can be supplied.

Tri-Sure Coated Flanges

Tri-Sure Coated Flanges are for lined or coated steel containers, to prevent contact of the contents of the drum with metal fittings. They are coated with a lacquer specified by customer which is applied evenly, and covers threads throughout.

TRI-SURE FULL DRAINAGE SAVES 8.34 OUNCES IN EVERY DRUM

Tri-Sure Closures effect a saving in gallonage—which often is considerable—because the flange assures more efficient drainage. The base of the flange fits perfectly flush with the inside of the drumhead, permitting full drainage of the drum. Tests have shown that drums fitted with Tri-Sure Closures drain an average of 8.34 more ounces. Calculated on the basis of a 10,000 55-gallon drum shipment of lube oil, the consumer will recover over 650 gallons which would otherwise remain in the drums.



TRI-SURE PLUGS

The Tri-Sure Plug fits securely into the flange to effect a tight closing. The gasket seat on the plug mates with the gasket seat on the flange so that when the plug is screwed securely home, the plug gasket is contained by metal. This not only prevents leakage and seepage, but also precludes loosening of the plug.

Tri-Sure Plugs are threaded with American standard straight pipe threads. British Whitworth threads are supplied on specification.

With the exception of the Tri-Sure Polyethylene Plug, all Tri-Sure Plugs are provided with a Buna N Gasket; White Neoprene, Polyethylene, Fibre and other material are available.

Tri-Sure Plug wrenches and gasket applicators are available.



Die-Cast Plugs

Tri-Sure Die-Cast Plugs are characterized by uniformity of quality, measurement and thread. They are made of highest quality Zinc die-casting alloy available, which makes the longest-lasting and strongest die-cast plug. Tri-Sure Die-Cast Plugs are spark-resisting, and preclude freezing of the threads of the plug and flange. Lugs make it easy to turn the plug with any common tool. Tri-Sure Die-Cast Plugs are also available in aluminum.

Tri-Sure Die-Cast Plugs are made in three standard sizes—2", 1½" and ¾". The 2" and ¾" sizes can be supplied with tin plating or coated.



Steel Plugs

Tri-Sure Steel Plugs have exceptional strength yet are light in weight. They are available in 2" and ¾" sizes, and may be obtained unplated, tinplated or coated.

The plug has a side wall worked into a thread formation by our exclusive thread rolling process which provides sharp pipe threads.



Stainless Steel Plugs

Tri-Sure Plugs made of Stainless Steel are avalable in 2" and ¾" sizes. These plugs are of cut-thread construction.

Polyethylene Plugs with an integral gasket



The Tri-Sure Polyethylene Plug is an integral, one-piece construction molded from Polyethylene. The plug body is formed to provide a gasket. This material is resistant to many acids, corrosive materials and alkalis. It precludes the possibility of electrolytic action between plug and other parts of the container.

The Tri-Sure Polyethylene Plug should be used with a Tri-Sure Cap Seal to maintain all features of a tight, leak-proof, tamper-proof closure.



Top-Scored Seal

Side-Scored Seal

Top-Scored Tab Seal

TRI-SURE SEALS with Flowed-in Gasket

The Tri-Sure Cap Seal is the most efficient drum closure seal ever developed. It is a cap-type steel member with flowed-in gasket which is secured over the flange and plug. The seal will withstand internal and external pressures on the drum that far exceed the pressure induced by weather and temperature without leakage or breathing.

Prevents Undetected Tampering

When the seal is applied with the Tri-Sure Sealing Tool, the skirt of the seal is pressed in against the neck of the drum stock, and extends fractically to the base of that neck. Once the Tri-Sure Cap Seal has been properly applied, it must be destroyed to reach the contents of the drum—making undetected tampering, pilferage and substitution impossible. Yet its authorized removal is an easy, quick operation by means of tearing along suitable scored lines. Tri-Sure hand and power-operated sealing tools and Tri-Sure Seal removal tools are available.

Private designs may be lithographed in full color on all Tri-Sure Cap Seals. Where a private design is not required we offer the stock "Sealed-Guaranteed" design, illustrated.

Gasket Assures Leak-Proof Seal

Tri-Sure Seals are provided with a flowed-in gasket made of a special compound which seals against air and liquids, and assures a tight seal under all conditions.

Top-Scored Seals—Deep uninterrupted parallel score lines across the top and down the sides of the seal are joined by a cross score in the center of the top to enable a screw driver or other simple tool to be driven readily through the seal. The material between the scores can then be grasped by a pair of pliers, and torn on scored lines to remove.

Side-Scored Seals—Tri-Sure Side-Scored Seals are scored internally around their sides or skirts. Outwardly extending ears are formed at the beginning of the scored lines. To remove the seal it is necessary merely to grasp one of the ears with a pair of pliers and tear as indicated.

Top-Scored Tab Seals—The Tri-Sure Top-Scored Tab Seal is scored in the same manner as the regular top-scored seal. It has tabs extending out from each end of the scored section to make its removal easy.



COATED FLANGES AND PLUGS

These flanges and plugs may be coated as specified by the customer. They enable users of lined or coated steel containers to eliminate contact of the product with metal fittings. The coating is laid on evenly and covers the threads throughout. The same formulation applied to the container can be used for flanges and plugs. This ensures complete protection for contents of container. Your drum supplier will install Tri-Sure Coated Flanges and Plugs on request.

SPECIFY "TRI-SURE CLOSURES" ON DRUM ORDERS

Every drum manufacturer can supply you with Tri-Sure Closures. A Tri-Sure Flange is inserted as an integral part of the steel container body at the time of manufacture. Precision dies for this operation, supplied by our company, are in the plants of all drum manufacturers. Just specify Tri-Sure Closures to your drum supplier; your drums will be delivered to you equipped with Tri-Sure Flanges and Tri-Sure Plugs. Be sure to look for the "Tri-Sure" trademark, which appears on the flange, plug and seal and on the drum stock around the flange when a genuine Tri-Sure insertion has been made.

Tri-Sure Cap Seals for filled drums should be purchased directly from us.

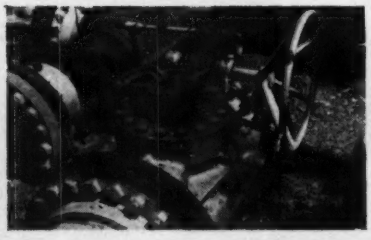
** The "Tri-Sure" Trademark is a mark of reliability backed by over 31 years serving industry. It tells your customers that genuine Tri-Sure Flanges (inserted with genuine Tri-Sure dies), Plugs and Seals were used.*



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. . is guaranteed by A.C.F.'s Round Port Valves because the valve opening is *exactly* the same size and shape as the pipe itself.
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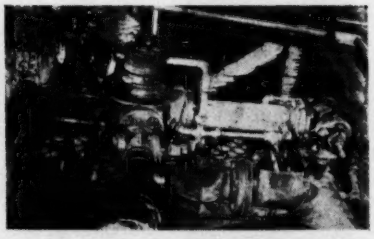
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1953-1954 Edition

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ALDEHYDE
Heptaldehyde (Enanthaldehyde)

ESTERS	METHYL	BUTYL	METHYL CELLOSOLVE	GLYCERYL (MONO)	PROPYLENE GLYCOL (MONO)	ETHYLENE GLYCOL (MONO)
Ricinoleate	✓	✓	✓	✓	✓	✓
Acetyl Ricinoleate	✓	✓	✓	✓	✓	✓
Octadecadienoate		✓				
Hydroxystearate	✓	✓	✓		✓	✓
Acetoxystearate	✓	✓	✓			
Undecylenate	✓	✓				

METALLIC SOAPS	ALUMINUM	AMMONIUM	BARIUM	CALCIUM	CADMIUM	COPPER	POTASSIUM	SODIUM	ZINC
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Undecylenate				✓		✓	✓	✓	✓

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the Versenes*

LIGHT ON THE VERSENES*

"Versene" is the registered trade mark of certain synthetically prepared polyamino acids and their salts. The Versenes form soluble non-ionic chelates with polyvalent metallic ions and completely change their properties so that they can no longer react with other materials and be precipitated from solution by common precipitating agents.

THERE ARE SEVEN

VERSENE REGULAR (the original Versene) inactivates all metallic ions but is not particularly effective for complexing iron in alkaline solutions. (liquid or powder)

VERSENE Fe_3 SPECIFIC is the most powerful complexing agent known for *iron* in the normal pH range. It also chelates copper, nickel, cobalt and zinc. (47% solution)

VERSENE Fe_3 is a combination of VERSENE and VERSENE Fe_3 SPECIFIC. It complexes both iron and other metallic ions. (Powder or liquid)

VERSENE-T complexes ferric and divalent metal ions including hard water salts in *any* caustic solution. (55.5% solution)

DI-SODIUM VERSENATE DI-HYDRATE (dry powder) an Analytical Reagent grade of Versene Regular for research and analytical purposes.

(A) VERSENATE INDICATOR (alcohol solution) Color indicator for Versenate method of water analysis.

CALCIUM DI-SODIUM VERSENATE (25% solution) Chemically Pure grade material for use as stabilizers in drugs, vitamins, pharmaceuticals.

LEAD DI-SODIUM VERSENATE (34% solution) Preformed complex for use in vinyl plastics.

The Versenes give you mole-for-mole control over cations in solution. They are made only by the Bersworth Chemical Company under processes originated, developed and patented by F. C. Bersworth. Quality-control over manufacture is so high that uniform complexing power is guaranteed.

VERSENES*-MADE FOR YOU

Gladly will we share with you our quarter-century of experience in pioneering the polyamines. Samples for experiment will be provided on request and without obligation. Ask for Technical Bulletin #2. Chemical Counsel available. Write Dept. F. Send for prices.

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VERSENE* WATER TEST KIT. Tells total hardness in 2 minutes. Accurate to 1 gr. per gal. Versenate method. Complete with instructions $5.00 postpaid.

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SOLKA®-FLOC

PURE, FINELY DIVIDED WOOD CELLULOSE

"**SOLKA**" is a registered trade name of the Brown Company for its chemically purified wood cellulose. "**SOLKA-FLOC**" is a finely divided cellulose produced from **SOLKA**. It is non-abrasive and relatively inert to acids, alkalis and solvents. It is practically ashless and, when bone dry, it is at least 99.5% cellulose. It is widely used as a filler, extender and processing aid in the rubber and plastics industries, as a filter aid, and in decorative coating. It is a versatile chemical raw material for the production of cellulose derivatives.

GENERAL CHARACTERISTICS

Uniformity — Unexcelled uniformity in **SOLKA-FLOC** is assured by Brown Company's own control of raw materials for conversion to flock, its large, steady volume of manufacture, and its many years of production experience in purified cellulose of every physical form.

Chemically Inert — **SOLKA-FLOC** is totally unaffected, or to a very limited degree, by solvents, dilute acids and alkalis, or even strong caustic in the cold.

Non Abrasive — The cellulose fibres in **SOLKA-FLOC** are soft and resilient and completely non-abrasive to equipment and machinery with which it is handled.

Purity — **SOLKA-FLOC** is derived from the purest of wood cellulose fibres of high alpha content. When bone dry they are 99.5% plus pure cellulose.

Color Stability — The initial high brightness of **SOLKA-FLOC** shows little reversion on exposure to ultraviolet light or to heat at 100°C.

Soft — Cellulose is inherently soft and **SOLKA-FLOC** exceptionally so; when applied by "flocking" to give sueded surfaces, **SOLKA-FLOC** contributes the softest feel obtainable from any fibre.

Fibrous — **SOLKA-FLOC** consists of fibres of 1 to 2 microns diameter and 35 to 165 microns average length; products of either higher or lower average length can be supplied.

Controlled Bulk — Each **SOLKA-FLOC** item is manufactured to a controlled bulk level; their apparent densities vary from 9 to 34 pounds per cubic foot (6.8 to 1.9 cc/gram).

Ashless — White **SOLKA-FLOC** contains only trace amounts of minerals and is thereby readily and properly combined with other substances.

Strength — **SOLKA-FLOC** fibres are tough. When used as filler, they contribute real strength to most products.

Improved Color — The **SOLKA-FLOC** line includes products of maximum initial whiteness and maximum color stability.

Absorbent — The fibres in **SOLKA-FLOC** exhibit a multitude of open ends and, under some conditions, exhibit high absorptive capacity so that these products may be used as carriers for liquids or odors or even for purification by absorption. However, proper combination with rubber, waxes and other sealing agents eliminates water absorption.

Low Gravity — The true specific gravity of pure cellulose is 1.58 and, when used as filler, **SOLKA-FLOC** is almost unique in its ability to produce light weight products.

Variety — There are eight standard **SOLKA-FLOC** products, and numerous special ones, covering a complete range of physical characteristics and finenesses for all industrial applications.

SOLKA-FLOC represents a variety of fibres of novel utility, as may readily be seen from the following tabulation of some present known applications. It is available in both white and brown grades.

Continued on Next Page

BROWN COMPANY

APPLICATIONS FOR SOLKA-FLOC

Chemical Derivatives of Cellulose

Methyl and Ethyl Ethers of Cellulose
Carboxy — Methyl Cellulose
Hydroxy — Ethyl Cellulose
Cellulose Sulfate, etc.

Plastics

Tableware, Buttons, Bottle Caps
Toys, Poker Chips, Wheels
Electrical Parts
Table Tops, Trays, etc.

Other

Coated Welding Rod
Velour Paper and Sueded Novelties
Flock Printing of Textiles
Adhesives
Can Sealing Compounds

Rubber Processing Aid

All Types Soling
Floor Tile, Matting, and Tread
Calendered Footwear
Phonograph Records
Battery Cases, Tank Lining, Rolls, etc.
Proofed Goods and Artificial Leather
Sponge and Cellular Rubber

Filter Aid

Alkalis
Plating Solutions
Industrial Effluents
Sodium Aluminate
Cutting and Cooling Oils
Pentaerythritol
Gelatin and Glue
Tallow and Lard
Waxes and Emulsions
Swimming Pool Water
Petroleum Additives
Antibiotics
Soap Solutions
Fruit Juices
Sodium Tungstate
Alum
Whiskey, Wine, and Beer
Industrial Process Water
Nicotinic Acid
Alkyd Resins
Edible Oils
Pectin
Gold Cyanide
Lubricating Oils
Viscose Regenerating Bath
Perfume
Coffee
Rust Preventives
Cellulose Acetate

Typical Physical Characteristics of Standard Items

	SW40A	SW40B	BW 40	BW 100	BW 200	BNB 40	BNB 100	BNB 200
Brightness	88	88	78	75	73	17	18	17
Color	White	White	White	White	White	Brown	Brown	Brown
Approx. av. particle size, microns	110	110	90	45	35	100	55	40
Approx. screen analysis								
% thru 100 mesh	87	83	76	95	99	71	85	95
% thru 200 mesh	40	24	40	67	78	39	80	85
Moisture %								
Approx. as shipped	5	5	5	7	7	5	6	6
Specific Gravity	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58
Apparent density								
dry, lbs./cu.ft.	8	8	14	21	24	16	27	28
Bulk, cc/gram	7.7	6.2	4.0	2.0	2.0	3 9	2.3	2.2

AVAILABILITY

SOLKA-FLOC is available in one-pound cans for experimental use. Commercial shipments are made in fifty (50) pound multi-wall paper bags, packed 40,000 pounds or more to the carload.

Customers interested in steady reliable quantities for indefinite periods can be cared for by Brown Company's usual contract procedure. Recently doubled production facilities are now in operation.

Brown Company maintains a Technical Service staff which will be glad to assist you in producing a new or a finer product, or in reducing the cost of your present product, through the use of **SOLKA-FLOC**.

Ask for specific recommendations—
Write Dept. FK at our Boston office

BROWN

QUALITY

COMPANY, Berlin, New Hampshire
CORPORATION, La Tuque, Quebec

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Berkshire Chem Inc, Graybar Bldg, 420 Lexington Ave, N Y Lexington 2-5959
Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass 6-8359
Bernard Color & Chem Corp, 333 Hudson St, N Y 13 Watkins 4-5460
BERSWORTH CHEM CO, 875 Waverly St, Framingham, Mass 6183
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Bethlehem Apparatus Co, Inc, 831 Front St, Hellertown, Pa Terrace 8-7131
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa University 7-4605
Bethlehem Steel Co, E 3 St, Bethlehem, Pa University 7-2424
James G Biddle Co, 1316 Arch St, Phila 7, Pa Locust 4-1620
Bilhuber-Knoll Corp, 377 Crane St, Orange, N J 3-1080
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Bossier City, La, New Minden Rd
Brookhaven, Miss, E Monticello, Box 657 854-J
Buffalo 11, N Y, 3053 Main St Un-8813
Carmi, Ill, E Main St, Box 11 5418
Casper, Wyo, 1743 E Yellowstone, Box 674
Chicago 6, Ill, 205 W Wacker Dr
Craig, Col, 533 School St, Box 921
Denver 2, Col, 434 Continental Oil Bldg, 1755 Genarm Pl
Drumright, Okla, 213 N Ohio St, Box 343
Duncan, Okla, 601 Ash St, Box 29
Elk City, Okla, 315½ N Main St, Box 625
Ellinwood, Kan, E Santa Fe Blvd, Box 166
Fort Worth 2, Tex, 906 Sinclair Bldg
Graham, Tex, Firestone Bldg, Box 89
Hays, Kan, E 8 St, Box 583
Henderson, Ky, #6 Holiday Ct, Box 128
Houston 1, Tex, 310 Oil & Gas Bldg, Box 332
Kilgore, Tex, Airport Rd, Box 191
Lafayette, La, 654 Scott Rd, Box 495
Lake Charles, La, Pioneer Bldg, 330 Pujo St, Box 141
Los Angeles, Cal, 1274 S LaBrea Ave
Lubbock, Tex, 202 N Avenue U, Box 389
Magnolia, Ark, 218 Verda, Box 42
McPherson, Tex, 317 E Seltz, Box 484
Midland, Tex, 151 Allen Bldg, Box 805
Mt Pleasant, Mich, 1010 N Mission St, Box 63
New Orleans, La, 309 Industries Bldg, Box 1702
N Y 20, 30 Rockefeller Plaza
Newcastle, Wyo, Box 909
Odessa, Tex, 101 N Adams St, Box 3352
Oklahoma City 1, Okla, 2131 Westwood Blvd, Box 1714
Oklahoma City, Okla, 519 Leonardt Bldg
Powell, Wyo, 925 E Coulter Ave, Box 248
Salem, Ill, State Route 37 S, Box 148
Seminole, Okla, 1 Highland St, Box 790
Shreveport, La, Box 282
Sidney, Neb, E Illinois St, Box 278
Snyder, Tex, Old Post Rd, Box 1406
Tulsa, Okla, 15 N Cincinnati, Box 1529
Tulsa, Okla, 511 Petroleum Bldg, Box 56
Wayne, Pa, 100 E Lancaster Ave, Box 351
Wichita, Kan, Corner Market & Williams, 203 KFH Bldg
Wichita Falls, Tex, Box 655
Black, Sivalls & Bryson, Inc, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla 4-6171
Alice, Tex, Falforrias Hway 2140
Ardmore, Okla, 709 K St, N W 4831
Blackwell, Okla, 523 S 3 St 750
Borger, Tex, 1206 Cedar St 18
Brookhaven, Miss, E Monticello 854-J
Buffalo, N Y, 3053 Main St Parkside 8830
Carmi, Ill, E Main St 5418
Chicago, Ill, 221 N LaSalle St Dearborn 2-6355
Corpus Christi, Tex, 4422 Cornelia Circle 4-8758
Ft Worth, Tex, 906 Sinclair Bldg Edison 5461
Houston, Tex, 310 Oil & Gas Bldg Charter 2713
Kansas City, Mo, 7500 E 12 St Benton 7200
Blackman Brands, Inc, Wesley St, S Hackensack, N J Hubbard 9-4464
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa Atlantic 1-5700
Birmingham 3, Ala, Brown Marx Bldg
Chicago 3, Ill, Peoples Gas Bldg
N Y 17, 342 Madison Ave
Philadelphia 3, Pa, Suburban Station Bldg
San Francisco 5, Cal, Monadnock Bldg
Washington 4, D C, Wire Bldg
Blaw-Knox Co, Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y Fillmore 2100
S Blickman, Inc, 3100 Gregory Ave, Weehawken, N J UN 3-0800
Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn 4-9776
Blockson Chem Co, Joliet, Ill 2-6601
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa Evergreen 6-3446
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa Kingsley 5-1323
Bonewitz Chem Inc, 101 N 3 St, Burlington, Iowa, 372
Manteca, Cal, 260 S Main 410
N Y, 420 Lexington Ave Lexington 2-2010
Phila 6, Pa, 303 Chestnut St Lombard 3-5053
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio 4-6171
Bopf-Whittam Corp, 1135-53 Elizabeth Ave W, Linden, N J 3-4020
Borden Co, Chem Div, 350 Madison Ave, N Y 17
Seattle, Wash, 6010 Airport Way Vanderbilt 6-4100
Ernest F Boruski, Jr, 162 W 54 St, N Y 19 Circle 7-3771
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass Trowbridge 6-6000
Chicago 6, Ill, 111 N Canal St
Minneapolis 2, Minn, 744 Baker Bldg
N Y 7, 30 Church St
Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa Howard 5-2626
N Y 16, 40 E 40 St Murray Hill 4-6926
Bowen Engrg Inc, Station Rd, N Branch, N J Somerville 8-3232
Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa Howard 5-2100
Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio Utah 1-4141
Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill Lafayette 3-2050
W H Brady Co, 727 W Glendale Ave, Milwaukee 12, Wis Woodruff 2-6181
Cincinnati 37, Ohio, 1873 Chaucer Dr Valley 7651
East Cleveland, Ohio, 14015 Superior Rd Yellowstone 2-9629
Newark 2, N J, 156 Washington St Market 3-6926
Oak Park, Ill, 825 S Culyer Rd Euclid 6-4542
Tampa 9, Fla, 2927 Tambay 62-1141
Bram Chem Co, Metals & Minerals Div/Chem Div, 820 65 Ave, Phila 26, Pa Waverly 4-2121
Branson Instruments, Inc, 440 Fairfield Ave, Stamford, Conn 3-4907
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal Trinity 6031
Brazil Oiticica Inc, 80 Broad St, N Y 4 Hanover 2-9315
Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal Richmond 7-6546
Frank J Breen, 5329-31 S Woodlawn Ave, Chicago 15, Ill Midway 3-8647
I N Breetwor & Associates, 4005 Wilshire Blvd, Los Angeles 5, Cal Dunkirk 8-3243
Bridge Chem Co, Inc, 2525 W Madison St, Chicago, Ill Seeley 8-2712
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn 4-1192
Akron 7, Ohio, 364 W Bowery St
Atlanta 3, Ga, 701 Volunteer Bldg
Boston 16, Mass, Statler Bldg
Chicago 32, Ill, 3453 W 47 Pl
Cincinnati 2, Ohio, 2420 Carew Tower
Cleveland 6, Ohio, 1921 E 119 St
Dallas 2, Tex, 102 Doggett Bldg
Denver 9, Col, 77 Lipan St
Detroit 21, Mich, 15827 James Couzens Hway
Hillside, N J, 1240 Central Ave
Houston 2, Tex, 1220 Polk Ave
Indianapolis, Ind, S Holt Rd
Kansas City 2, Mo, 202 Mill Creek Bldg
Los Angeles 12, Cal, 130 S Hewitt St
Louisville 3, Ky, 938 S 5 St
Milwaukee, Wis, 312 E Wisconsin Ave
Minneapolis 15, Minn, 124 12 Ave S
N Y 17, 420 Lexington Ave
Phila 3, Pa, 1617 Pennsylvania Blvd
Pittsburgh, Pa, 537 Smithfield St, Oliver Bldg
Providence 3, R I, 60 Clifford St
Rochester 4, N Y, 816 Reynolds Arcade
St Louis 3, Mo, 2135 Delmar Blvd
St Paul 4, Minn, 2200 University Ave
San Francisco 3, Cal, 1155 Bryant St
Seattle 1, Wash, Terminal Sales Bldg
Tulsa, Okla, Tri-State Insurance Bldg
Washington 5, D C, 516 Southern Bldg
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio Grandview 4110
Bristol Co, Waterbury 20, Conn 6-4451
Akron, Ohio Enterprise 4146
Atlanta 3, Ga, 231 Healey Bldg Walnut 7607
Baltimore 2, Md, Mathieson Bldg Saratoga 2427
Birmingham 3, Ala, 324 Comer Bldg 3-0034
Boston 16, Mass, 802 Statler Bldg Hubbard 2-1728
Buffalo 7, N Y, 1807 Elmwood Ave Delaware 3754
Charlotte, N C, P O Box 3180 4-0050
Chicago 11, Ill, 351-363 E Ohio St Whitehall 4-2190
Cincinnati 37, Ohio, 1717 Section Rd Elmhurst 0328
Cleveland 2, Ohio, 8905 Lake Ave Atlantic 6924
Detroit 16, Mich, 1627 W Fort St Woodward 5-2992
Houston 19, Tex, 1705 W Gray Ave Linden 2881
Indianapolis, Ind, 531 K of P Bldg Market 4194
Kansas City, Mo, 300 Crawford Bldg Harrison 7301
Los Angeles 58, Cal, 2181 E 25 St Kimball 4109
Milwaukee 3, Wis, 231 W Wisconsin Ave Daly 8-4393
Minneapolis, Minn, P O Box 1101 Atlantic 0714
N Y 19, 250 W 57 St Circle 5-4953
Phila 7, Pa, Market St National Bank Bldg Rittenhouse 6-2386
Pittsburgh 12, Pa, 210 E Pkwy N S Fairfax 1-5190
St Louis 2, Mo, 434 Cotton Belt Bldg Chestnut 7892
San Francisco 7, Cal, 40 Berry St Garfield 1-5462
Seattle 1, Wash, 6626 White Bldg Elliott 3361
Tulsa 3, Okla, 1508 Thompson Bldg 4-6468
Washington, D C Republic 0655
Waterbury 20, Conn, Bristol Rd 6-4451
Bristol Labs, Inc, 630 5 Ave, N Y 20 Plaza 7-8520
Atlanta, Ga, 1014 Crescent N E Vernon 8440
Chicago, Ill, 509 W Roosevelt Rd Seeley 3-7720
Salt Lake City, Utah, 357 S 2 St 9-8311
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn South 1989
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill Graceland 7-3030
Brookfield Engrg Labs Inc, 240 Cushing St, Stoughton, Mass 1130
Brooklyn Color Work Inc, Morgan & Norman Aves, Bklyn 22, N Y Evergreen 8-8440
Brothers Pharmacal Co, Orange, N J 5-6100
Brown, 465 Congress, Portland, Me 2-2820
BROWN CO, 150 Causeway St, Boston 14, Mass Capitol 7-6070
See Catalog Pg. 23-24
Chicago 3, Ill, 110 S Dearborn St Central 6-6493
N Y 36, 500 5 Ave Pennsylvania 6-2260
Portland 3, Me, 465 Congress St 2-2829
San Francisco 4, Cal, 58 Sutter St Yukon 2-5211
Alfred D Brown Assoc, Inc, 59 Pearl St, N Y 4 Hanover 2-7461
Brown Fintube Co, 300 Huron St, Elyria, Ohio 2301
N Y 18, 522 5 Ave Murray Hill 2-4628
E S Browning Co, 1515-1555 3 St, San Francisco, Cal Douglas 2-0631
Los Angeles, Cal, 2436 E 12 St Van Dyke 1163
Browning Chem Corp, 150 Broadway, N Y 38 Rector 2-0773
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y 4-2131
Chicago, Ill, 4936 Lincoln Ave Uptown 8-5232
Dallas, Tex, 4112 San Jacinto St Tension 2134
Kansas City, Mo, 228 W 4 St Victor 0225
Los Angeles, Cal, 3520 Council St Dunkirk 9-1391
N Y, 55 W 42 St Longacre 4-1686
Newark, N J, 360 Thomas St (America Coils)
Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio Endicott 1-5400
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio Endicott 1-3315
Washington 9, D C, 1609 Connecticut Ave N W Dupont 5737
Bryant Chem Corp, 6 North St, N Quincy, Mass PR 3-8710
Spartanburg, S C, P O Box 2301
Bryant Industrial Div, A G E Inc, 17825 St Clair Ave, Cleveland 10, Ohio Ivanhoe 1-8000
Buckingham Products Co, 14100 Fullerton Ave, Detroit 27, Mich Vermont 6-8550
Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y Stillwell 4-3123
Buda Co, 154 & Commercial Ave, Harvey, Ill 500
Chicago 32, Ill, 4400 S Archer Ave Cliffside 4-0300
Dallas 2, Tex, 1601 Dragon St Randolph 7272
Denver, Col, 4421 Brighton Blvd Alpine 3412
Houston 11, Tex, 6614 Harrisburg Blvd Yukon 8-3337
Los Angeles 58, Cal, 2729 Chambers St Logan 8-2451
N Y 19, 533 W 47 St Circle 5-5344
Portland 10, Ore, 2580 N W Upshur St Beacon 3165
San Francisco 24, Cal, 470 Bay Shore Blvd Valencia 4-3905
Seattle 4, Wash, 3407 Airport Way Seneca 1230
Tulsa, Okla, 521 W Archer St 5-3151
BUFFALO ELECTRO-CHEM CO, INC, Sta B, Buffalo 7, N Y Bedford 8300
See Catalog Pg. 26
Boston, Mass, 207 A St South Boston 8-0705
Charlotte, N C, 447 Atando Ave 4-2696
Chicago 10, Ill, 225 W Huron St
Green Bay, Wisc, 208 St Matthews St
N Y 17, 420 Lexington Ave Murray Hill 3-8227
Phila 48, Pa, 44 E Oregon Ave
Vancouver, Wash, P O Box 154 Twin Oaks 5595 (Portland, Ore)
Buffalo Fire Appliance Corp, 221 Crane St, Dayton, Ohio Michigan 5774
N Y 36, 2 W 46 St Columbus 5-2550
Buffalo Meter Co, 2917 Main St, Buffalo 14, N Y Parkside 1011
Buffalo Wire Works Co, 320 Terrace, Buffalo 2, N Y Cleveland 4520
Phila, Pa, 11 S 7 St Lombard 3-6973

BUFFALO ELECTRO-CHEMICAL COMPANY, INC.

Division of Food Machinery and Chemical Corporation

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BECCO PEROXYGEN CHEMICALS

For Oxidation Sterilization
Bleaching Catalytic Reactions

PRODUCT	Active Oxygen (% by wt min)	Assay % by weight minimum	Form	Specific Gravity (20°C.)	Stability	Solubility	Residue
Hydrogen Peroxide H_2O_2 — 27.5%	12.9	H_2O_2 27.5	clear colorless liquid	1.10	no loss of active oxygen under ordinary conditions	Miscible with H_2O in all proportions	
Hydrogen Peroxide H_2O_2 — 35%	16.5	H_2O_2 35.0		1.13			
Hydrogen Peroxide H_2O_2 — Formula D (Special grade for dilution purposes)	16.5	H_2O_2 35.0		1.13			Formula F 0.005%
Hydrogen Peroxide H_2O_2 — Formula F (Special grade for food processing)	16.5	H_2O_2 35.0		1.13			
Hydrogen Peroxide H_2O_2 — 50%	23.5	H_2O_2 50.0		1.20			
Hydrogen Peroxide 90%	42.3	H_2O_2 90.0	clear colorless liquid	1.39	no loss on storage under ordinary conditions	Miscible with H_2O in all proportions. Soluble in many organic media	less than 0.005%
Potassium Persulfate $K_2S_2O_8$	5.9	$K_2S_2O_8$ 94.0	white crystals		no loss of active oxygen over two yrs storage at room temperature	5% in water at 20°C.	
Ammonium Persulfate $(NH_4)_2S_2O_8$	6.6	$(NH_4)_2S_2O_8$ 95.0	white hygroscopic crystals			58% at 0°C. in water	
Sodium Carbonate Peroxide $2Na_2CO_3.3H_2O_2$	14.0	H_2O_2 29.7 (approx.)	white powder			soluble in water	
Sodium Pyrophosphate Peroxide $Na_4P_2O_7.2H_2O_2$	9.0	H_2O_2 19.0 (approx.)	white powder			soluble in water	
Urea Peroxide $CO(NH_2)_2.H_2O_2$	16.0	H_2O_2 34.0 (approx.)	white crystals or tablets			soluble in water and alcohols	
Calcium Peroxide 60% CaO_2	13.3	CaO_2 60.0	white to yellowish powder		no loss of active oxygen at room temp. Decomp. above 150°C.	insoluble in water sol. in acid media	
Magnesium Peroxide MgO_2 — 15%	4.3	MgO_2 15-25-50	yellowish white powder		no loss of active oxygen at room temp. Decomp. above 100°C.	insoluble in water sol. in acid media	
Magnesium Peroxide MgO_2 — 25%	7.1						
Magnesium Peroxide MgO_2 — 50%	14.2						
Zinc Peroxide 55% ZnO_2	9.0	ZnO_2 55 (approx.)	yellowish white powder		no loss of active oxygen at room temp. Decomp. above 150°C.	insoluble in water soluble in acid media	
Acetyl Peroxide in Dimethyl Phthalate $(CH_3CO)_2O_2$	3.4	$(CH_3CO)_2O_2$ 25.0 Dimeth. Phth. 75.0	crystal clear liquid— strong odor	1.18		soluble in most organic solvents	
Peracetic acid 40% $CH_3.COOOH$	as peracid 8.6	$CH_3.COOOH$ 40	colorless liquid— strong odor	1.15		similar to acetic acid	
Sodium Pergorate $NaBO_3.4H_2O$	10.0	$NaBO_3.4H_2O$ 96.2	white powder		substantially no loss under ordinary storage conditions	3.4% in water at 25°C.	

Buflovak Equipment Div, Blaw-Knox Co, 1579 Fillmore Ave, Buffalo 11, N Y — Fillmore 2100
Chicago, Ill, 1636 Monadnock Bldg — Webster 9-4189
N Y 17, 295 Madison Ave — Lexington 2-6802
Oakland 12, Cal, 1706 Broadway — Templebar 2-1253
St Louis 3, Mo, 2217 Olive St — Chestnut 6389
Builders-Providence, Inc, 345 Harris Ave, Providence, R I — Gaspee 1-4302
Berkeley 2, Cal, 1036 University Ave — 7-2157
Boston, Mass, 80 Boylston St — Hancock 6-1060
Buffalo 14, N Y, 3053 Main St — Parkside 1825
Kansas City 11, Mo, 3527 Broadway — Jefferson 8080
Los Angeles, Cal, 5259½a Beverly Blvd — Underhill 0-1235
Minneapolis, Minn, 221 Sexton Bldg — Geneva 5-700
N Y, 20 Vesey St — Cortlandt 7-1528
Oakmont, Pa, 434 Allegheny River Blvd — Montrose 1-4900
Phoenix, Ariz, P O Box 7072
Seattle 4, Wash, 913 Arctic Bldg — Mutual 0341
Wilmette, Ill, 1141-43 Greenleaf Ave — 3802
E D Bullard Co, 275 8 St, San Francisco 3, Cal — Underhill 1-5630
Los Angeles, Cal, 6719 S Figueroa St — Pleasant 3-1171
Bump Pump Co, 1830 West Ave So, LaCrosse, Wis — 42660
Burgess Chem Co, 64 Hamilton St, Paterson 1, N J — Mulberry 4-5889
Edward S Burke, 65 Pine St, N Y 5 — Bowling Green 9-5785
Allen Burns Co, 58 Pearl St, Buffalo 2, N Y — CL 4690
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa — Grant 1-2527
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill — University 4-4175
Burtonite Co, P O Box 7, Nutley 10, N J — 2-0031
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio — Mulberry 1600
A M Byers Co, P O Box 1076, Pittsburgh 30, Pa — Atlantic 1-8110
Atlanta, Ga, 704 Mortgage Guarantee Bldg — Cherokee 0384
Boston, Mass, 200 Berkeley St — Liberty 2-0917
Chicago, Ill, 625 Field Bldg — Central 6-0429
Houston, Tex, 1502 Mellie Esperson Bldg — Blackstone 3526
N Y, 30 Rockefeller Plaza — Circle 7-0040
Phila, Pa, 1409 Girard Trust Bldg — Locust 7-1711
Pittsburgh, Pa, 1501 Clark Bldg — Atlantic 1-8110

C

C P Chem Solvents Inc, 60 Park Pl, Newark 2, N J — Market 2-3650
Godfrey L Cabot, 77 Franklin St, Boston 10, Mass — Liberty 2-7300
Akron 8, Ohio, 518 Ohio Bldg — Franklin 5168
Charleston, W Va
Gainesville, Fla
McAllen, Tex
New Brunswick, N J, 46 Bayard St — Kilmer 5-1828
Pampa, Tex
Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y — Woodlawn 1515
Calco Chem Div, American Cyanamid Co, Bound Brook, N J — Elliott 6-2000
Atlanta 2, Ga, 1370 Spring St — Vernon 3527
Boston 15, Mass, 1055 Commonwealth Ave — Stadium 2-6000
Charlotte, N C, 3333 Wilkinson Blvd — 2-7721
Chicago 18, Ill, 3505 N Kimball Ave — Cornelia 7-6400
Cincinnati 2, Ohio, First National Bank Bldg — Dunbar 2600
Cleveland 14, Ohio, 711 Leader Bldg — Cherry 1-1933
N Y 18, 48 W 38 St — Circle 7-0100
Phila 8, Pa, 401 N Broad St — Walnut 2-2080
Providence 3, R I, 40 Fountain St — Dexter 1-0100
St Louis 10, Mo, 5025 Pattison Ave — Mohawk 5306
San Francisco 4, Cal, 111 Sutter St — Garfield 1-4959
Caldwell Chem Co Inc, 441 Lexington Ave, N Y 17 — Murray Hill 2-5267
Detroit, Mich, 3450 Wight St — Lorraine 7-7700
Portland 3, Ore, 12005 N Burgard Ave — University 0619
California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal — Angelus 3-6781
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal — Beacon 5-1060
Caldwell, Idaho, 311 Evans St, P O Box 653 — 9-7495
Decatur, Ala, P O Box 482, Commercial Ave & Somerville Rd — 3216
Elizabeth 2, N J, 150 Bayway — 2-2280
Evansville, Ind — 2-9191
Fennville, Mich, P O Box C — 2-4161
Fennville, Mich, 326 Fennville St (District Office) — 2-4161
Freewater, Ore — 27
Fresno 7, Cal, P O Box 48 — 4-3568
Goldsboro, N C, P O Box 767, S George St Ext — 3675
Imperial, Cal, 2 & N Sts — 257
Inman, S C, P O Box 288 — 254
Janesville, Wis, 625 Eastern Ave — 4038
Linden, N J, 1618 E Elizabeth Ave — 3-1334
Lindsay, Cal, P O Box 586 — 2-2544
Loveland, Col, 804 E 14 St, P O Box 599 — 101
Maryland Heights, Mo, Adie Rd at Chicago, Rock Island & Pacific R R, P O Box 129 Terryhill — 4-2731
Maumee, Ohio, P O Box 176 — 3-6501
Medina, N Y, P O Box 230, Bates Rd at Route 31 — 926
Milwaukie, Ore, 2300 Harvester Dr — Evergreen 1-5407
Modesto, Cal, 541 Crows Landing Rd, P O Box 1130 — 3-5687
Oklahoma City 4, Okla, 1010 E Reno, P O Box 1533 —Zone 1 — Regent 6-6468
Orange, Cal, Katella & N 101 Hway — 1350
Orlando, Fla, P O Box 1231, Fairvilla Rd — 3-0506
Phoenix, Ariz, 1042 N 21 Ave — Alpine 4-4481
Pomona, Cal, 2705 N Garey Ave — Lycoming 2-4041
Portland 22, Ore, P O Box 5946 — Evergreen 1-5407
Sacramento 2, Cal, P O Box 2227 — Gilbert 2-4985
San Jose 8, Cal, P O Box 978 — Cypress 2-8932
Santa Maria, Cal, S Blasser Rd, P O Box 896 — 5-6104
Shreveport, La, P O Box 1164 — 3-7171
Tifton, Ga, P O Box 5 — 1480
Troy, Ala, P O Box 448 — 1524
Ukiah, Cal, P O Box 488 — 1161-J
Watsonville, Cal, 137 Walker St, P O Box 899 — 2-0459
Wenatchee, Wash, Ft of Thurston St, Box 486 — 549
Whittier, Cal, P O Box 471 — 4-7521
Yakima, Wash, 521 S 2 Ave, P O Box 1281 — 7113
Yuba City, Cal, P O Box 387 — Marysville 2-1359
Geo Callahan & Co, Inc, Closter, N J — 5-1209
Calumet Division, Calumet & Hecla, Inc, 1 Calumet Ave, Calumet, Mich — 2000
N Y, 60 E 42 St — Murray Hill 2-8430
Orlando, Fla, Room 3 McCrory Bldg — 3-1722
Cambridge Corp, Filter Div, 350 S Geddes St, Syracuse 1, N Y — 76-9911
Cambridge Instrument Co, Inc, 3047 Grand Central Terminal, N Y 17
Chicago, Ill, 2400 W Madison St
Cleveland, Ohio, 1720 Euclid Ave
Phila, Pa, 135 S 36 St
Cameron Iron Works, Inc, P O Box 1212, Houston 1, Tex — Victor 4411
Camp Mfg Co, Inc, Franklin, Va — 2211
N Y, 60 E 42 St — Murray Hill 7-4888
Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20 — Circle 6-0460
Mount Kisco, N Y, 69 Kisco Ave — 6-4343
N Y, 43 W 16 St — Watkins 4-5580
N Y, 54 W 21 St — Chelsea 3-3581
Canton Containers, Inc, 1101 9 St S E, Canton, Ohio — 5-5346
Capitol Printing Ink Co, Inc, 806 Channing Pl, N E, Washington 18, D C — Decatur 2-3883
Cleveland 20, Ohio, 3052 Moreland Blvd — Wyoming 1-7609
Carbide & Carbon Chem Co, Div Union Carbide & Carbon Corp, 30 E 42 St, N Y 17 — Murray Hill 7-8000
Albany 7, N Y, 50 State St — 5-7502
Atlanta 3, Ga, 807 Bona Allen Bldg — Lamar 8338
Baltimore 1, Md, 306 N Charles St — Saratoga 7365
Boston 16, Mass, 137 Newbury St — Commonwealth 6-4520
Buffalo 2, N Y, 1812 Liberty Bank Bldg — Washington 9916
Charlotte 2, N C, 1407 Liberty Life Bldg — 4-4107
Chicago 1, Ill, 230 N Michigan Ave — Financial 6-3300
Cincinnati 6, Ohio, 2506 May St — Avon 4450
Cleveland 14, Ohio, 925 Euclid Ave — Tower 1-6590
Detroit 2, Mich, 1608 Fisher Bldg — Trinity 1-4265
Houston 2, Tex, 1527 Niels Esperson Bldg — Charter 4641
Indianapolis 4, Ind, 5 E Market St — Market 5548
Los Angeles 58, Cal, 2770 Leonis Blvd — Logan 8-3061
Newark 2, N J, 1180 Raymond Blvd — Market 3-8665
Phila 7, Pa, 12 S 12 St — Market 7-5955
Pittsburgh 19, Pa, 311 Ross St — Express 1-1773
St Louis 8, Mo, 3615 Olive St — Franklin 6390
San Francisco 6, Cal, 22 Battery St — Yukon 2-1360
Seattle 4, Wash, 2901 1 Ave S — Main 6247
Carboline Co, 331 Thornton Ave, St Louis 19, Mo — Republic 7771
N Y 10, 112 E 23 St — Oregon 3-1252
Oakland, Cal, 3718 Grand — Greencourt 2-3982
Carborundum Co, Refractories Div, Perth Amboy, N J — 4-3380
Bristol, Pa — 5561
Chicago 32, Ill, 3335 W 47 St — Lafayette 3-7100
Cincinnati 2, Ohio, Central Pkway & Walnut St — Dunbar 3530
Cleveland 23, Ohio, 24800 Lakeland Blvd — Redwood 1-8600
Detroit 11, Mich, 2759 E Grand Blvd — Trinity 5-3570
Pittsburgh 25, Pa, 2600 Neville Rd — Spalding 1-3740
Cardox Corp, 307 N Michigan Ave, Chicago 1, Ill — Randolph 6-5353
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio — Valley 3000
Atlanta, Ga, 415 Candler Bldg — Lamar 5451
Boston, Mass, 267 Medford St, Charlestown Dist — Charlestown 2-1725
Chicago 6, Ill, Engineering Bldg, 121 W Wacker Dr — Dearborn 2-4775
Cincinnati, Ohio, 316 S Wayne Ave — Poplar 1323
Cleveland, Ohio, 5906 Euclid Ave — Henderson 1-6500
Dallas, Tex, 4449 McKinney Ave — Logan 5261
Detroit, Mich, 6197 Hamilton Ave — Trinity 5-4680
N Y 17, Lincoln Bldg, 60 E 42 St — Vanderbilt 6-1530
Phila 32, Pa, 248 Sedgley Ave — Baldwin 9-6430
Pittsburgh 19, Pa, Frick Bldg — Grant 1-7490
St Louis 3, Mo, 307 N Theresa Ave — Newstead 1930
Seattle 4, Wash, 505 Dexter Horton Bldg — Seneca 2351
Carlisle Chem Works, Inc, West St, Reading 15, Ohio — VA 3660
N Y, 713 Commerce Bldg, 155 E 44 St — Murray Hill 7-7094
Oak Park, Ill, 104 N Oak Park — Village 8-3804
G O Carlson, Inc, Thorndale, Pa — Coatesville 2800
Bala-Cynwyd, Pa, P O Box 190 — Welsh Valley 4-9938
Buffalo 3, N Y, 617 Main St — Madison 7948
Chicago 51, Ill, 5903 W Chicago Ave — Estebrook 9-0088
Cincinnati 2, Ohio, 205 E 6 St — Garfield 3629
Cleveland 15, Ohio, 1900 Euclid Ave — Superior 1-3414
Houston 19, Tex, 3401 Buffalo Dr — Jackson 3191
Newark 2, N J, 60 Park Pl — Market 3-8094
John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y — Main 4-3545
Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal — Webster 3-8271
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky — Taylor 1745
Carus Chem Co, Inc, 1375 8 St, La Salle, Ill — 1500
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa — 3100
Carwin Co, Stiles Lane, N Haven, Conn — Atwater 8-1671
A W Cash Co, 540 N 18 St, Decatur, Ill — 8-3401
Joseph Caspe Inc, 50 Columbia St, Newark 5, N J — Market 2-7460
Castle Color & Chem Co, 24 W 45 St, N Y 19 — Murray Hill 7-2045
Catalin Corp of America, 1 Park Ave, N Y 16 — Murray Hill 3-2100
Chicago, Ill, 221 N LaSalle St — Central 6-3066
Greensboro, N C, 125-A E Market St — 5-2861
Hudson, Ohio, Box 202 — 482
Providence, R I, 49 Humboldt Ave — Elmhurst 1-2389
Cayuga Rock Salt Co Inc, Myers, N Y (Ithaca) — Lansing 4-4221
Celcote Co, 4832 Ridge Rd, Cleveland, Ohio — Shadyside 1-4220
Chicago, Ill, 600 S Michigan St — Wabash 2-3754
CELANESE CORP OF AMERICA, 180 Madison Ave, N Y 16 — Murray Hill 9-6000
See Catalog Pg. 29-32
Bishop, Tex, P O Box 148 — 501
Boston 10, Mass, 140 Federal St — Hancock 6-6289
Charlotte, N C, 1603 Liberty Life Bldg — 6-9689
Chicago 11, Ill, 101 E Ontario St — Michigan 2-6166
Detroit 2, Mich, 610 Stephenson Bldg — Trinity 1-5100
San Francisco 5, Cal, 607 Market St — Douglas 2-3273
Celluplastic Corp, 50 Ave L, Newark 5, N J — Market 2-4544
Central O-B Products Co, Inc, 1230 Genesee St, Buffalo 11, N Y — HU 7520
Central Solvents & Chem Co, 2545 W Congress St, Chicago, Ill — Seeley 3-0505
Central Soya Co Inc, 300 Fort Wayne Bank Bldg, Fort Wayne 2, Ind — Eastbrook 3331
Camp Hill, Pa
Decatur, Ind
Gibson City, Ill
Madison, Wis (Master Mix Feed & Seed Co, Inc).
Marion, Ohio
Memphis, Tenn
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo — Colfax 8000
Chicago 11, Ill, 520 N Michigan Ave — Mohawk 4-6070
Cincinnati, Ohio, 525 Walnut St — Dunbar 3829
Cleveland, Ohio, 1836 Euclid Ave — Prospect 7806
Denver 3, Col, 468 Logan St — Race 4424
Detroit 9, Mich, 4461 W Jefferson Ave — Tashmoo 6-1300
Milwaukee, Wis, 4044 N Maryland Ave — Edgewood 2-3219
N Y 17, 342 Madison Ave — Murray Hill 7-3062
Phila 35, Pa, 7260 Frankford Ave — Devonshire 2-3556
Seattle, Wash, 1138 Dexter Horton Bldg — Elliott 0154
Century Elec Co, 1806 Pine St, St Louis 3, Mo — CE 4920
Atlanta 3, Ga, Atlanta Federal Savings Bldg, 22 Marietta St N W — Alpine 7738
Boston 10, Mass, Rice Bldg, 10 High St — Liberty 2-3470
Buffalo 7, N Y, 1807 Elmwood Ave — Victoria 5024
Chicago 39, Ill, 4811 W Fullerton Ave — National 2-4111
Cincinnati 2, Ohio, American Bldg, Parkway & Walnut St — Parkway 6625
Cleveland 15, Ohio, Hanna Bldg, E 14 St & Euclid Ave — Cherry 1-5412
Dallas 2, Tex, Texas Bank Bldg, 810 Main St — Sterling 4477
Davenport, Iowa, Kahl Bldg, 326 W 3 St — 2-4436
Denver 2, Col, 1644 Blake St — Acoma 3515
Detroit 2, Mich, New Center Bldg, 7430 2 Blvd — Trinity 1-0260
Grand Rapids 2, Mich, B & G Terminal, 900 Monroe Ave N W — Glendale 4-5888
Houston 2, Tex, M & M Bldg, 1 Main St — Atwood 5891
Indianapolis 4, Ind, State Life Bldg, 15 E Washington St — Franklin 8233
Kansas City 6, Mo, Pickwick Bldg, 903 McGee St — Victor 2714
Los Angeles 21, Cal, 1855 Industrial St — Trinity 8526
Milwaukee 3, Wis, 606 W Wisconsin Ave — Broadway 2-6620
Minneapolis 2, Minn, Calhoun Commercial Bldg, 711 W Lake St — Gibson 2575
New Orleans 8, La, 1001 St Charles Ave — Raymond 7247
N Y 7, 30 Vesey St — Cortlandt 7-5510
Omaha 2, Neb, 16 & Leavenworth Sts — Atlantic 2700
Phila 2, Pa, Blue Cross Bldg, 112 S 16 St — Rittenhouse 6-8420
Pittsburgh 22, Pa, Bessemer Bldg, 106 6 St — Atlantic 1-3129

St Louis 3, Mo, 1831 Chestnut St Central 4920
Salt Lake City 14, Utah, P O Box 2338, 1482 Major St 7-5489
San Francisco 5, Cal, 555-557 Monadnock Bldg, 681 Market St Sutter 1-2070
Seattle 4, Wash, 323 Lyon Bldg, 607 3 Ave Seneca 8443
Spokane 3, Wash, E 706 Sprague Ave Main 3306
Syracuse 2, N Y, 814 Syracuse Kemper Bldg, 224 Harrison St 2-0473
Tulsa 3, Okla, 310 Thompson Bldg, 20 E 5 St 4-8221

Chain Belt Co, 4701 W Greenfield Ave, Milwaukee 1, Wis Evergreen 4-3000
Atlanta, Ga, 878 Ashby St N W Vernon 3604
Birmingham, Ala, 113 N 9 St 4-6225
Boston, Mass, 10 High St Liberty 2-8445
Buffalo, N Y, 1807 Elmwood Ave Delaware 5004
Chicago, Ill, 20 N Wacker Dr Franklin 2-4816
Cincinnati, Ohio, 505 Peoples Bank Bldg Parkway 6476
Cleveland, Ohio, 1218 Terminal Tower Bldg Cherry 1-4325
Dallas, Tex, 1611 Dragon St Riverside 3128
Denver, Colo, 1920 Market St Alpine 2091
Detroit, Mich, 5050 Joy Rd Texas 4-7885
El Paso, Tex, 111 E Missouri St 2-2082
Houston, Tex, 4101 San Jacinto St Keystone 4832
Indianapolis, Ind, 520 N Dorman St Imperial 6351
Jacksonville, Fla, 1746 E Adams St 3-3710
Kansas City, Mo, 406 W 34 St Jefferson 1505
Los Angeles, Cal, 3838 Santa Fe Ave Logan 8-4231
Louisville, Ky, 317 Starks Bldg Wabash 4786
Midland, Tex, P O Box 1734 4-4911
Milwaukee, Wis, 4532 W Greenfield Ave Evergreen 4-3000
Minneapolis, Minn, 1645 Hennepin Ave Geneva 6866
N Y, 19 Rector St Whitehall 3-6141
Phila, Pa, 4125 Whitaker Ave Garfield 6-6150
Pittsburgh, Pa, 3400 Forbes St Museum 1-6605
Portland, Ore, 2310 N W 24 Ave Beacon 6121
St Louis, Mo, 8001 Clayton Rd Cabany 3580
Salt Lake City, Utah, 49 E 9 S 9-2021
San Francisco, Cal, 366 Brannan St Garfield 1-1438
Seattle, Wash, 530 1 Ave S Main 7051
Springfield, Mass, 369 Plainfield St 9-5651
Tulsa, Okla, 602 Kennedy Bldg 2-1735
Worcester 1, Mass, 1075 Southbridge St 6-2453

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn 37-8316
Chicago, Ill, 333 N Michigan Ave Dearborn 2-5817
Portland, Ore, 528 Terminal Sales Bldg

Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass Springfield 8331
Atlanta 3, Ga, 452 Spring St N W Walnut 3410
Boston 10, Mass, 75 Federal St HU 2-8974
Chicago 6, Ill, 400 W Madison St, Daily News Bldg Randolph 6-5805
Cleveland 14, Ohio, 1740 E 12 St Cherry 4108
Houston, Tex, 1503 Petroleum Bldg PR 0046
Los Angeles 23, Cal, 609 S Anderson St Angelus 1-2188
N Y, 233 Broadway, Woolworth Bldg Barclay 7-4033
Phila 7, Pa, Liberty Trust Bldg, Broad & Arch St Locust 7-3748
Pittsburgh, Pa, 717 Liberty Ave, 805 Clark Bldg Atlantic 1-1142
St Louis, Mo, 798 Shell Bldg, 13 & Locust St Chestnut 2113
San Francisco, Cal, 564 Bryant St Sutter 1-1934
Syracuse 2, N Y, 824 University Bldg 2-5341
Washington, D C, 4124 Edmunds St, N W Woodley 1997

Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn 4-0161
Albany 6, N Y, 152 Washington Ave 4-3753
Atlanta, Ga, 695 Stewart Ave S W Amherst 5731
Baltimore 30, Md, 1315 Key Hway Plaza 2565
Boston 4, Mass, 411 D St Liberty 2-0126
Chicago 7, Ill, 1300 W Harrison St Haymarket 1-4550
Cincinnati 2, Ohio, 222 Post Sq Parkway 3326
Cleveland 17, Ohio, 1255 E 260 St Redwood 1-3355
Dallas 2, Tex, 119 Pittsburg St Prospect 4271
Denver 2, Col, 1421 Court Pl Acoma 3685
Detroit 3, Mich, 14480 Woodrow Wilson Ave Townsend 8-2939
Houston 4, Tex, 4101 San Jacinto St Linden 0890
Indianapolis 4, Ind, 520 S New Jersey St Franklin 1543
Kansas City 8, Mo, 316 W 16 St Victor 1710
Los Angeles 54, Cal, 210 S Central Ave Madison 6-0101
Milwaukee 3, Wis, 1741 W St Paul Ave Division 2-7630
Minneapolis 3, Minn, 145 N 10 St Geneva 4376
New Orleans 2, La, 751 Baronne St Canal 9511
N Y 13, 80 Lafayette St Worth 2-3600
Newark 8, N J, 188 Badger Ave Bigelow 6-1700
Phila 40, Pa, 20 & Venango Sts Baldwin 3-5800
Pittsburgh 33, Pa, 1001 Brighton Rd Cedar 1-7900
Providence 1, R I, 66 Branch Ave Dexter 1-2300
Rochester 14, N Y, 45 Exchange St Hamilton 3959
St Louis 10, Mo, 3815 Market St Olive 3000
San Francisco 7, Cal, 680 2 St Garfield 1-7780
Seattle 4, Wash, 1957 1 Ave S Seneca 1862

Chelsea Fan & Blower Co, Inc, 639 South Ave, Plainfield, N J 5-3500
Atlanta, Ga, 188 Hunter St, S E Lamar 2501
Chicago 10, Ill, 427 W Erie St Superior 7-3560

Chematar Inc, 40 Exchange Pl, N Y 5 Hanover 2-0364

Chemical Corp, 64-A Waltham Ave, Springfield 9, Mass 9-5601

Chemical Commerce, 166 Clifford, Newark 5, N J Mitchell 2-1457
Chicago, Ill, 5306 W Lawrence Ave Spring 7-2848
Chemical Construction Corp, 488 Madison Ave, N Y Murray Hill 8-2370
Chemical Development Corp, Endicott St, Danvers, Mass 1990
Chemical Engrg Service, Inc, 1640 Crooks St, Green Bay, Wis Howard 7540
Biloxi, Miss, West Beach 9226
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal Capitol 2-5141
Chicago, Ill, 205 W Wacker Dr Franklin 2-1146
San Francisco, Cal, 911 Harrison St Exbrook 2-6646
Chemical Insecticide Corp, 129 Montague St, Bklyn 15, N Y South 8-7141
Chemical Labs, 1017 Sampson St, Houston 3, Tex CH 3491

Chemical Mfg Co, Inc, 444 Madison Ave, N Y 22 Murray Hill 8-8700
San Francisco, Cal, 369 Pine St (C M C Chem Inc) Yukon 6-3787
Chemical Process Co, 58 Sutter St, San Francisco, Cal EM 6-9586
Chemical Products Co Inc, P O Box #464, Aberdeen, Md 263
Chemical Products Corp, Cartersville, Ga 798
Chemical Service Corp, 82 Beaver St, N Y 5 Hanover 2-6970
Chemical Specialties Co, 503 N Beachwood Dr, Los Angeles 4, Cal Hillside 7879
Chemical Supply Co, 217-302 Railroad St, Nennah, Wis 2-3383
Chemicolloid Labs, Inc, 30 Church St, N Y 7 Digby 9-2790
Chemirad Corp, P O Box 36, Bladensburg 4, Md Union 7894
Chemiseal Co, 9516 Burnette St, Detroit 4, Mich Webster 3-9492
Chicago 12, Ill, 345 N Western Ave Seeley 3-2430
Oakland 8, Cal, 42 & Linden Sts, Piedmont 5-1146
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y Stillwell 6-2330
Chicago 10, Ill, 48 W Division St Whitehall 3-0635
De Land, Fla, 644 N Adelle Ave 427J
Glendale 2, Cal, 1159 Highland Ave Chapman 5-4449
Los Angeles 24, Cal, 1796 Kelton Ave Bradshaw 2-5092
St Louis 1, Mo, 817 Arcade Bldg Garfield 4710
San Francisco 17, Cal, 27 Park Hill Ave Yukon 2-1441
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J 3-1369
Kirkwood 22, Mo, 106 W Madison Ave
Chemtech Products Corp, 801 2 Ave, N Y 17 Or 9-3269
Chem-Wear, Inc, 1 Post Rd, Darien, Conn, P O Box 1044 Darien 5-2538
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill Dearborn 2-7900
Baltimore 30, Md, Russel & Ostend Sts Plaza 5080
Boston 29, Mass, Sullivan Sq Charlestown 2-2306
Cedar Rapids, Iowa, 2480 6 St, S W 4-0131
Charlotte 1, N C, 611 W 5 St 3-9641
Chicago 7, Ill, 822 W Washington Blvd Monroe 6-9170
Cincinnati 6, Ohio, 447 Morgan St Woodburn 1093
Cleveland 14, Ohio, 1615 E 25 St Tower 1-7532
Detroit 16, Mich, 2016 W Lafayette Blvd Tashmoo 5-0847
Los Angeles 58, Cal, 4621 Pacific Blvd Kimball 5184
N Y (L I C 1, N Y) 50-22 23 St Stillwell 6-4600
Phila 3, Pa, 2324 Market St Rittenhouse 6-3820
Pittsburgh 10, Pa, 2231-41 Saw Mill Run Blvd Willard 1-3751
St Paul 1, Minn, 27 E Fairfield Ave Garfield 1868
San Francisco 10, Cal, 2675 Folsom St Atwater 2-9420
Syracuse 2, N Y, P O Box 921 75-9971
Chesebrough Mfg Co Consolidated, 17 State St, N Y 4 Whitehall 3-9800
John A Chew, Inc, 60 E 42 St, N Y 17 Murray Hill 2-0993
Chicago Copper & Chem Co, 2000 W 127 St, Blue Island, Ill Fulton 5-0606
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill Chesapeake 3-4300
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill Humboldt 6-3060
Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill Clearbrook 3-1073
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17 Vanderbilt 6-1700
Atlanta, Ga, 91 16 St, N W Atwood 8696
Birmingham 3, Ala, 211 S 20 St 4-6514
Boston 34, Mass, 254 Brighton Ave Stadium 2-8088
Buffalo 2, N Y, 132 W Chippewa St Washington 8248
Chicago 19, Ill, 936 E 87 St Hudson 3-2400
Cincinnati 6, Ohio, 2156 Gilbert Ave Woodburn 5482
Cleveland 14, Ohio, 1643 Superior Ave Main 1-8065
Dallas 2, Tex, 1021 Levee St Riverside 4568
Denver 4, Col, 465 Acoma St Race 2813
Detroit 26, Mich, 570 E Larned St Woodward 1-3841
El Paso, Tex, 724 E San Antonio St 2-7522
Houston 23, Tex, 2120 Canada Dry St Wentworth 4601
Los Angeles 21, Cal, 655 Santa Fe Ave Michigan 2651
Milwaukee 3, Wis, 2411 W State St West 3-6622
Minneapolis 8, Minn, 2748 Hennepin Ave Kenwood 7878
NY 17, 6 E 44 St Vanderbilt 6-1700
Phila, Pa, 237 N 12 St Walnut 2-3126
Pittsburgh 19, Pa, 810 C of C Bldg Atlantic 1-1105
Rock Island, Ill, 528 11 St 8-6359
St Louis 3, Mo, 1931 Washington Ave Garfield 3090
Salt Lake City 1, Utah, 119 W 2 S Utah 5-2985
San Francisco 3, Cal, 855 Bryant St Hemlock 1-7929
Seattle 4, Wash, 1928 1 Ave S Main 3930
Washington 6, D C, 726 Mills Bldg Executive 3770

Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill Eastgate 7-1020
N Y, 79 Madison Ave Murray Hill 3-2220

Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill VI 7-2280

Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill Avenue 3-7160

Chiksan Co, 330 N Pomona Ave, Brea, Cal Jasper 9-2121
Chicago 28, Ill, 10310 S Dauphin St Waterfall 8-7433
Newark 2, N J, 155 Washington St Mitchell 2-7993
Oakland 12, Cal, 600 16 St Glencourt 2-4202
Salt Lake City, Utah, 2534 Simpson Ave 8-5492

Childers Mfg Co, 3620 W 11, P O Box 7447, Houston 8, Tex Twinoaks 2461

Chilean Nitrate Sales Corp, 120 Broadway, N Y 5 Rector 2-8680
Atlanta 3, Ga, 901 Rhodes-Haverty Bldg Maine 5521
Columbia, S C, Palmetto State Life Bldg 2-3344
Jackson, Miss, 302 Standard Life Bldg 2-0511
Los Angeles 14, Cal, 412 W 6 St Van Dyke 2157
Montgomery, Ala, 517 Shepherd Bldg 3-4731
Raleigh, N C, 610 Capital Club Bldg 8547
Shreveport, La, 317 Commercial Bldg 5-2403

Chipman Chem Co, Inc, P O Box 309, Bound Brook, N J 9-0770
Chicago, Ill, 1116 Transportation Bldg, 608 S Dearborn St Portsmouth 7-6870
North Kansas City, Mo, 1100 Gentry St
Palo Alto, Cal, P O Box 679 Davenport 3-4161
Pasadena, Tex, P O Box 272 7291
Portland 10, Ore, 6200 N W St Helens Rd, Rt 2 Capitol 1041

Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y Evergreen 8-2056

Christian Becker Div, Torsion Balance Co, Clifton, N J Gregory 3-6900
Chicago 3, Ill, 176 W Adams
San Francisco 3, Cal, 785 Market St

Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio Adams 2141

Charles B Chrystal Co, Inc, 53 Park Pl, N Y 7 Barclay 7-2151

Church & Dwight Co, Inc, 70 Pine St, N Y 5 Digby 4-2181
Birmingham 3, Ala, 1401 Comer Bldg 3-7359
Chicago 5, Ill, 608 S Dearborn St Harrison 7-1065
Oakland, Cal, Bank of Commerce Bldg, 16 & San Pablo Ave Higate 4-1349

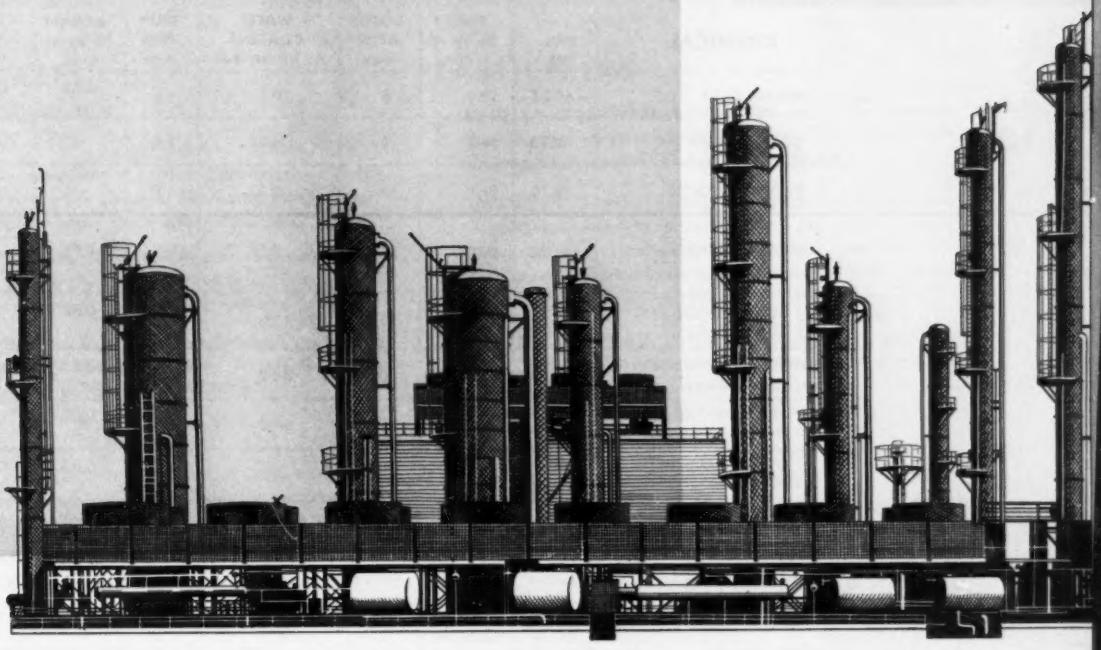
Cidex Corp, 85 Franklin St, Jersey City 7, N J Journal Square 4-3997

Cincinnati Industries, Inc, 306 Carthage Ave, Cincinnati 15 (Lockland) Ohio Valley 2865
Chicago, Ill, 30 N LaSalle St Randolph 6-3234
Cleveland, Ohio, 1986 E 107 St Sweetbriar 5-3600
Detroit, Mich, 600 Michigan Theatre Bldg Woodward 3-2234
Minneapolis, Minn, 3250 5 Ave S Colfax 3716
N Y, 60 E 42 St Murray Hill 7-2216
Phila, Pa, 7040 Terminal Sq Sherwood 7-7000
Richmond, Va, 2620 W Grace St 5-9053
San Francisco, Cal, 204 Davis St Yukon 2-4170

Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla 909
Bloomington, Ill, Croxton Ave & LeRoy 5267
Cedar Rapids, Iowa, 826 2 St S W 5154
Chicago 6, Ill, 20 N Wacker Dr Andover 3-0320
Cleveland 3, Ohio, 6611 Euclid Ave Utah 1-4800
Detroit 2, Mich, 3049 E Grand Blvd Trinity 5-3544
Fort Worth, Tex, 310 Danciger Bldg FO 0441
Grand Forks, N D, 309 N 3 St 427
Kansas City 2, Mo, 406 W 34 St Logan 7450
Milwaukee 2, Wis, 626 E Wisconsin Ave Daly 8-3490
Mishawaka, Ind, 222½ Lincolnway W 5-1459
Oklahoma City, Okla, 4535 S Oklahoma, Box 4577 Melrose 8-3331
St Louis, Mo, 1320 Macklind St Sterling 4005
St Paul 1, Minn, 500 Robert St Cedar 4401

Cities Service Petroleum, Inc, 60 Wall Tower, N Y 5 Hanover 2-1600
Chicago 6, Ill, 20 N Wacker Dr (Cities Service Oil Co) Andover 3-0300
N Y 5, 70 Pine St (Cities Service Oil Co) Hanover 2-1600
Shreveport, La, Slattery Bldg (Arkansas Fuel Oil Co) LD 34

City Chem Corp, 132 W 22 St, N Y 11 Watkins 9-2723
Jersey City, N J, 100 Hoboken Ave Journal Square 2-6900



Celanese* ORGANIC CHEMICALS

ACIDS
- ACETIC ACID
- BUTYRIC ACID
- PROPIONIC ACID

ALCOHOLS
- METHANOL
- n-PROPANOL
- ISOBUTANOL
- n-BUTANOL

ALDEHYDES
- ACETALDEHYDE
- FORMALDEHYDE
- FORMCEL* SOLUTIONS
- PARAFORMALDEHYDE
- TRIOXANE

ANHYDRIDES
- ACETIC ANHYDRIDE

ESTERS
- n-PROPYL ACETATE
- n-BUTYL ACETATE
- 901 ACETATE

GLYCOLS
- PROPYLENE GLYCOL U.S.P.
- PROPYLENE GLYCOL TECH.
- DIPROPYLENE GLYCOL
- BUTYLENE GLYCOLS

KETONES
- ACETONE

OXIDES
- PROPYLENE OXIDE

POLYLOLS
- PENTAERYTHRITOL

VINYL MONOMERS
- VINYL ACETATE

PLASTICIZERS
- LINDOL*
- CELLUFLEX* SERIES

HYDRAULIC FLUID
- LINDOL* HF

SPECIAL SOLVENTS
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- CELANESE SOLVENT 301
- CELANESE SOLVENT 601
- CELANESE SOLVENT 901H

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CELANESE CORPORATION OF AMERICA
CHEMICAL DIVISION
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*Reg. U. S. Pat. Off.

CELANESE CHEMICALS

INTERMEDIATES — DESCRIPTIVE DATA

	CHEMICAL	MOL. WT.	PURITY % by wt. min.	COLOR APHA max.	WATER CONTENT % by wt. max.	IRON PPM max.	ACIDITY % by wt. max.	Wt. lbs./gal. @ 20°C.	SPECIFIC GRAVITY @ 20/20°C.
ACIDS	ACETIC ACID	60.05	99.5	5	0.5	1.0	0.05 a	8.8	1.050-1.055
	BUTYRIC ACID	88.10	99.0	15	0.25	1.0	—	8.0	0.959-0.965
	PROPIONIC ACID	74.12	99.0	15	0.25	1.0	—	8.3	0.995-0.999
ALDEHYDES	ACETALDEHYDE	44.05	99.0	5	0.10	None	0.01 b	6.5	ALCOHOL CONTENT None
	FORMALDEHYDE 37% (2% Methanol)	30.03	37.2±0.2	10	61.0	0.5	0.02 a	9.3	2.0 max.
	FORMALDEHYDE 37% (7% Methanol)	30.03	37.2±0.2	10	56.0	0.5	0.02 a	9.2	7.0±0.5
	FORMALDEHYDE 37% (12-15% Methanol)	30.03	37.2±0.2	10	51.0	0.5	0.02 a	9.0	12 min. 15 max.
	PARAFORMALDEHYDE FLAKE (Formaldehyde 91%)	318 Average	91.0	white	9.0	2.0	0.05 a	45 lbs./cu. ft.	None
	PARAFORMALDEHYDE POWDERED (Formaldehyde 91%)	318 Average	91.0	white	9.0	5.0	0.05 a	45 lbs./cu. ft.	None
	METHYL FORMCEL* 40%	Mixture	40.0±0.5 (as HCHO)	10	8.5	0.5	0.03 a	8.1	51.0 min.
	METHYL FORMCEL* 55%	Mixture	55.0±0.5 (as HCHO)	10	12.0	0.5	0.05 a	8.8	32.5 min.
	n-PROPYL FORMCEL* 40%	Mixture	40.0±0.5 (as HCHO)	10	8.5	0.5	0.03 a	8.1	51.0 min.
	n-BUTYL FORMCEL* 40%	Mixture	40.0±0.5 (as HCHO)	10	8.5	0.5	0.03 a	8.1	51.0 min.
	ISOBUTYL FORMCEL* 40%	Mixture	40.0±0.5 (as HCHO)	10	8.5	0.5	0.03 a	8.1	51.0 min.
	TRIOXANE	90.08	99.0	white	0.10	2.0	0.02 a	53 lbs./cu. ft.	None
ANHYDRIDES	ACETIC ANHYDRIDE	102.09	97.5	10	0.10	1.0	2.50 b	9.0	SPECIFIC GRAVITY 20/20°C. 1.080-1.085
OXIDES	PROPYLENE OXIDE 1,2	58.08	98.0	15	1.00	—	0.05 b	6.9	0.829-0.834
POLYLOLS	PENTAERYTHRITOL	136.15	95.0	white	0.20	—	—	45 lbs./ cu. ft.	1.38 25/4°C.
VINYL MONOMERS	VINYL ACETATE	86.09	99.5	15	0.15	—	0.2 b	7.8	0.933-0.935

a—as Formic Acid b—as Acetic Acid

PLASTICIZERS

	DESCRIPTION	GRADE	APPEARANCE	COLOR APHA max.	SPECIFIC GRAVITY @ 20/20°C.	ACIDITY	ESTER VALUE % min.	PERMANGANATE TIME, min. (in Minutes)	REFRACTIVE INDEX @ $n\frac{25°C.}{D}$
LINDOL*	Tricresyl Phosphate coal tar base	Technical	Clear transparent liquid	75	1.165 ± .005	0.01 (3)	99	30	1.553
CELLUFLEX* 179C	Tricresyl Phosphate petroleum base	Technical	Clear transparent liquid	150	1.165 ± .005	0.01 (3)	99	30	1.553
CELLUFLEX* 112	A mixed ester	Technical	Clear transparent liquid	40	1.210 ± .005	0.01 (3)	99	30	1.560
CELLUFLEX* TPP	Triphenyl Phosphate	Technical	White flakes	20 (4)	1.202 ± .005 (1)	0.003 (3)	99	30	1.550 (1)
CELLUFLEX* DBP	Dibutyl Phthalate	Technical	Clear transparent liquid	50	1.045 ± .001	0.01 (2)	98	—	1.490
CELLUFLEX* DOP	Dioctyl Phthalate	Technical	Clear transparent liquid	50	0.986 ± .002	0.01 (2)	98	—	1.485
HYDRAULIC FLUID	LINDOL* HF	Technical	Clear transparent liquid	Light Amber	1.160 ± .008	0.01 (3)	99	—	—

(1) @ 60°C. (2) % as phthalic, max. (3) % as phosphoric, max. (4) Molten

*Reg. U. S. Pat. Off.

CELANESE CHEMICALS

USES

INTERMEDIATES

ACIDS

ACETIC ACID—reactant and solvent in manufacture of cellulose acetate and other chemical fibers and plastics; ester solvents, dyestuffs, metallic salts, pharmaceuticals.

BUTYRIC ACID—used in manufacture of cellulose acetate butyrates for lacquers, and molding plastics. Intermediate for production of butyric esters, used in artificial flavors.

PROPIONIC ACID—used to produce cellulose propionate molding materials, esters for lacquers, flavors, perfumes, sodium and calcium propionate (mold inhibitors).

ALDEHYDES

ACETALDEHYDE—basic in production of acetic acid, acetic anhydride, pentaerythritol; intermediate in making DDT, dyes, pharmaceuticals.

FORMALDEHYDE 37% (Formalin)—reacts with phenol, urea and melamine to form plastics and resinous products; agricultural disinfectant and bactericide; rubber preservative; sulfide corrosion inhibitor; moth-proofing agent, tanning agent.

PARAFORMALDEHYDE (Formaldehyde 91%)—furnishes formaldehyde in more concentrated form than formalin for manufacture of high solids phenolic and urea resins. Low water content allows larger batches, higher yields, shorter cycle and processing time. Also intermediate in production of water-repellent finishes, adhesives and pharmaceuticals.

FORMCEL* SOLUTIONS—relatively water free formaldehyde solutions in alcohols, especially adaptable to production of alcoholated condensation resins, coatings, laminating and textile-treating resins, embalming fluids.

TRIOXANE—as only source of completely anhydrous formaldehyde, can be advantageously used in organic synthesis; solid heating tablet; excellent solvent and reaction medium.

ANHYDRIDES

ACETIC ANHYDRIDE—acetylating and esterfying agent, in preparation of cellulose acetate; also used to make dyes, pharmaceuticals, esters, intermediates.

OXIDES

PROPYLENE OXIDE—1, 2—powerful solvent for vinyls, cellulose acetate, nitrocellulose; vinyl resin stabilizer; stabilizer for chlorinated resin solutions.

POLYLOLS

PENTAERYTHRITOL—used in manufacture of medium and long oil alkyd resins, to produce surface coatings with higher gloss retention, faster drying time, increased durability. Also used in production of rosin esters and synthetic drying oils

VINYL MONOMERS

VINYL ACETATE—basic material in manufacture of polyvinyl resin adhesives, textile and paper coatings, plastic films, sheeting and molding materials, water-emulsion paints.

PLASTICIZERS

LINDOL*—Tricresyl Phosphate, coal tar base—a standard for industrial use as a flame-resistant plasticizer. Also widely used as a lubricant, oil and gasoline additive.

CELLUFLEX* 179C—Tricresyl Phosphate, petroleum base—combines excellent solvent power and flame-retardant properties as general plasticizer for vinyl resins and cellulosic plastics. Especially advantageous for coatings and films where extreme flame resistance and toughness are vital.

CELLUFLEX* 112—A mixed ester—useful in achieving a high degree of flame-resistance in vinyl formulations with better low temperature properties than can be reached with tricresyl phosphate.

CELLUFLEX* TPP—Triphenyl Phosphate—most widely used plasticizer in cellulose acetate. Provides excellent fire resistant properties, good flexibility; produces clear tough compositions.

CELLUFLEX* DBP—Dibutyl Phthalate—excellent light and heat stability, low viscosity plasticizer. Most widely used plasticizer for cellulose nitrate lacquers and coatings. Produces good gloss, high flexibility.

CELLUFLEX* DOP—Dioctyl Phthalate—low volatility, excellent heat and light stability, superior electrical properties. Primary plasticizer for vinyl resins, synthetic rubber in cloth coatings, elastomeric molded materials.

HYDRAULIC FLUID

LINDOL* HF—standard flame-resistant hydraulic fluid in die-casting and hydraulically-activated machinery. Stable, odorless, non-volatile, non-corrosive. Also excellent high film strength lubricant.

SOLVENTS

ALCOHOLS

METHANOL—excellent solvent for cellulose nitrate, other resins and gums. Intermediate for formaldehyde production.

n-PROPANOL—excellent ethyl cellulose solvent. Latent nitrocellulose solvent with same evaporation rate as butyl acetate.

ISOBUTANOL—modifying agent in alcoholated ureas ester type plasticizers. Co-solvent for brake fluids.

n-BUTANOL—latent solvent for cellulose ester lacquers, dopes and thinners. Solvent for urea-formaldehyde resins.

ESTERS

n-PROPYL ACETATE—economical replacement for either MIBK or butyl acetate-ethyl acetate mixtures in nitrocellulose lacquers.

n-BUTYL ACETATE—widely used medium evaporating solvent in lacquers.

901 ACETATE—replacement for amyl acetate or methyl amyl acetate. Retarder in lacquer solvents.

*Reg. U. S. Pat. Off.

CELANESE CHEMICALS

USES

SOLVENTS (CONTINUED)

GLYCOLS

PROPYLENE GLYCOL U.S.P.—humectant in tobacco conditioning; emollient, stabilizer, emulsifier in cosmetic creams and lotions. Solvent for food flavors and colors. Solvent, carrier, preservative for salves, serums, ointments and other pharmaceuticals.

PROPYLENE GLYCOL Tech.—important component for production of polyester resins. Co-solvent for brake fluids.

DIPROPYLENE GLYCOL—provides excellent coupling action. Co-solvent for brake fluids and printing inks.

BUTYLENE GLYCOL—1,3
BUTYLENE GLYCOL—2,3
Intermediate for polyester resins and alkyd resins. Brake fluid co-solvent, ink vehicle, lubricant.

KETONES

ACETONE—powerful solvent for cellulose acetate, nitrocellulose, oils, greases, fats, gums, explosives and dyes. Intermediate in manufacture of acrylates.

SPECIAL SOLVENTS

CELANESE SOLVENT 203—low cost replacement for normal butanol in nitrocellulose lacquers, alkyd resin formulations, thinners and SAE brake fluids.

CELANESE SOLVENT 301—replaces ethanol/butanol mixtures, sec-butanol, and mixtures of methyl isobutyl carbinol/isopropanol, in lacquers and thinners.

CELANESE SOLVENT 601—economical replacement MEK for vinyl and nitrocellulose applications.

CELANESE SOLVENT 901H—economical replacement for 4-, 5- and 6-carbon alcohols in lacquers and brake fluids.

SOLVENTS — DESCRIPTIVE DATA

		MOL. WT.	BOILING POINT	APHA Max. COLOR	WATER CONTENT % by Wt. Max.	FLASH POINT	ACIDITY by Wt. Max.	Wt. Lbs./Gal. @ 20°C.	SPECIFIC GRAVITY @ 20/20°C.
ALCOHOLS	METHANOL	32.04	64.2-65.7°C.	5	0.2	60°F.	Neutral	6.63	0.7928 max.
	n-PROPANOL	60.09	96-98°C.	5	0.2	90°F.	Neutral	6.7	0.805 max.
	ISOBUTANOL	74.12	107-109°C.	10	0.4	100°F.	Neutral	6.68	0.800-0.804
	n-BUTANOL	74.12	116.8-118.3°C.	10	0.1	115°F.	.005	6.76	0.810-0.812
ESTERS	n-PROPYL ACETATE	102.13	95-103°C.	15	0.5	65°F.	0.01	7.35	0.880-0.885
	n-BUTYL ACETATE	116.16	118-128°C.	10	0.2	100°F.	0.01	7.3	0.874-0.876
	901 ACETATE	Mixture	140-175°C.	15	0.2	110°F.	0.05	7.3	0.873-0.878
GLYCOLS	PROPYLENE GLYCOL U.S.P.	76.09	185-195°C.	5	0.5	225°F.	0.01	8.6	1.035-1.037†
	PROPYLENE GLYCOL TECH.	76.09	180-210°C.	15	1.0	225°F.	0.01	8.6	1.035-1.038†
	DIPROPYLENE GLYCOL	134.17	215-245°C.	25	0.5	244°F.	0.01	8.5	1.018-1.028†
	BUTYLENE GLYCOL—1,3	90.12	200-215°C.	20	0.5	250°F.	0.005	8.38	1.003-1.008†
	BUTYLENE GLYCOL—2,3	90.12	175-195°C.	20	0.5	185°F.	0.005	8.41	1.002-1.006†
KETONES	ACETONE	58.08	55.8-56.8°C.	5	0.5	15°F.	.002	6.59	0.7910 0.7925
SPECIAL SOLVENTS	CELANESE SOLVENT 203	Mixture	114-120°C.	20	0.2	100°F.	Neutral	6.76	0.803-0.813
	CELANESE SOLVENT 301	Mixture	98-101°C.	10	0.2	90°F.	Neutral	6.7	0.802-0.806
	CELANESE SOLVENT 601	Mixture	74-84°C.	10	0.2	10°F.	0.005	7.0	.840-.850
	CELANESE SOLVENT 901H	Mixture	125-155°C.	20	1.0	122°F.	.009	7.0	.836-.842

†25/25°C.

TECHNICAL SERVICE

The Celanese Technical Service and Application Laboratories, now in its new modern quarters in Summit, N. J., offers greatly expanded assistance in the development and complete testing of new and improved formulations.

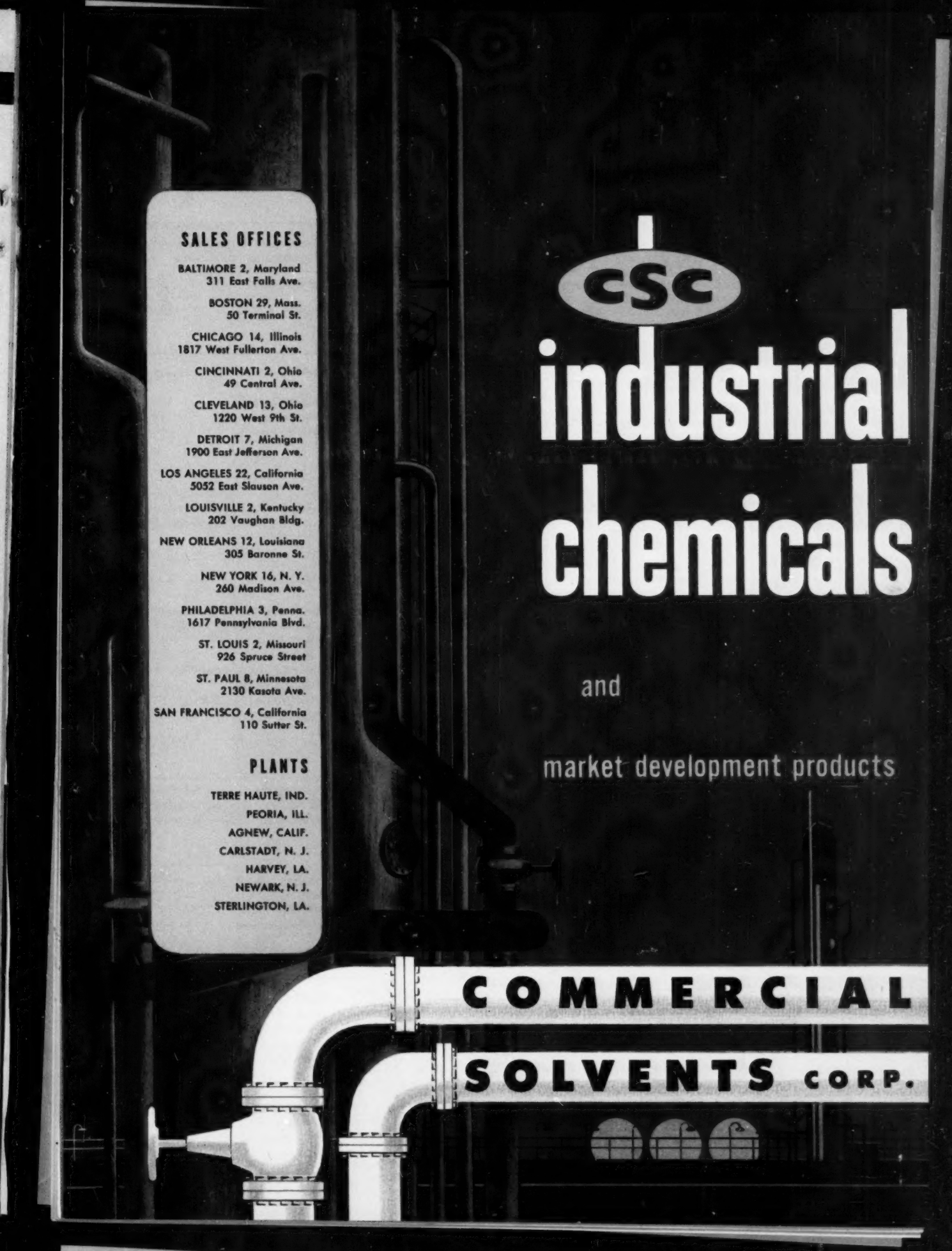
Extensive technical data, bulletin, and cost analyses are available on all Celanese chemicals.

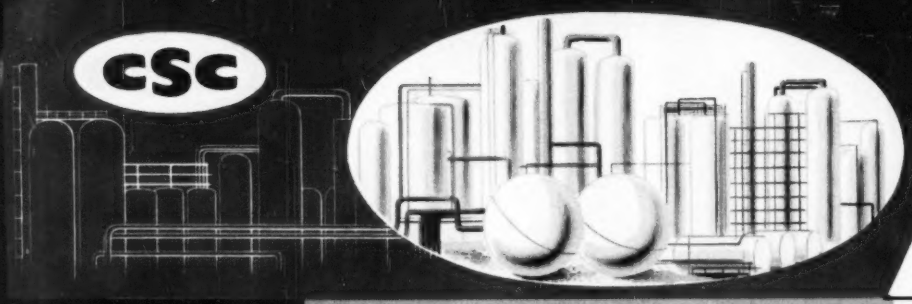
For complete information, samples, prices, write:

CELANESE CORPORATION OF AMERICA
Chemical Division
180 Madison Avenue
New York 16, N. Y.

Celanese® CHEMICALS

®Reg. U.S. Pat. Off.


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CSC
industrial
chemicals
and
market development products
COMMERCIAL
SOLVENTS CORP.



CSC products

ALCOHOLS

The hallmark of quality for over a century, there is a grade of Rossville® ethyl alcohol—either pure or modified by addition of approved denaturants—for every application. CSC's proprietary solvents are sold under the trade names Quakersol®, Shellacol®, and Fotocol®. n-Butanol, first produced in the U. S. by CSC, made possible production of modern lacquers for high-speed finishing lines. Commercial Solvents in 1927 was the first company in U. S. to market synthetic methanol. Production was greatly increased in 1947 and again more than doubled in 1953.

Butanol (n-butyl alcohol)
Ethyl Alcohol, Anhydrous (200 proof)
Ethyl Alcohol, 95% (190 proof)
Methanol

AMINES AND AMMONIA

Consumption of ammonia has been increasing tremendously both for fertilizer and industrial uses. CSC is keeping abreast with increased demand and this year is doubling its production facilities. Methylamines, derivatives of ammonia, are gases at ordinary temperatures and pressures and are highly soluble in water. Low equivalent weight and moderate price make these compounds the most economical source of the amine group. They are sold by CSC in aqueous solution at two concentrations, as well as in anhydrous form.

Ammonia, Anhydrous Liquid

Dimethylamine
Monomethylamine
Trimethylamine

AMINOHYDROXY COMPOUNDS

Fatty acid soaps of AMP are powerful emulsifying agents for oil-in-water emulsions such as bright-drying floor waxes. Soaps of AMPD are recommended for preparations of cosmetic creams and lotions.

2-Amino-2-methyl-1, 3-propanediol
2-Amino-2-methyl-1-propanol

ESTERS

These derivatives of ethyl, butyl and amyl alcohols offer a wide choice of properties for highly diversified uses. All are used in large quantities as solvents and plasticizers, while the pleasant aroma of the ethyl and amyl acetates has made them useful in synthetic flavors and perfumes. Ethyl acetate is an excellent solvent for many materials and is widely used where a low-cost, rapidly evaporating solvent is required. Butyl acetate has long been the industry standard as the ideal solvent for use in nitrocellulose lacquers. Its strong solvent power permits maximum use of latent solvents and diluents. Its ideal rate of evaporation promotes good flow, rapid drying and hardening of the film and minimizes blushing and orange peel. Dibutyl phthalate is the standard solvent-type plasticizer for lacquers as well as many plastics. Tributyl phosphate is a slightly volatile liquid with physical properties which have led to widely divergent uses ranging from selective solvent to anti-foam agent.

Amyl Acetate (90% min.)
Butyl Acetate (90%-92%)
Butyl Lactate (>95%)
Butyl Stearate
Dibutyl Phthalate (>99%)
Diethyl Oxalate
Ethyl Acetate (85%-88%)
Tributyl Phosphate

HYDROXYLAMINE SALTS

The availability of these three salts at moderate prices has resulted in the rapidly increasing use of hydroxylamine as a commercial chemical. Its unique properties make it of interest to chemists in every industry.

Hydroxylammonium Acid Sulfate
Hydroxylammonium Chloride
Hydroxylammonium Sulfate

NITROPARAFFINS

The nitroparaffins are versatile solvents of medium evaporation rate and useful raw materials for synthesis. The nitropropanes in particular are excellent solvents for a variety of coating materials. With vinyl resins they give lower viscosity solutions than do ketones and, with alcohols, the NP's make possible the formulation of cellulose acetate spray lacquers equivalent in flow and drying characteristics to nitrocellulose lacquers.

Nitroethane
Nitromethane
1-Nitropropane
2-Nitropropane

OTHER CHEMICALS

Now a large volume industrial chemical, high quality acetone was first made available to American industry by CSC.

Alkaterge-C is a cationic surface-active agent continually finding new industrial uses.

Formaldehyde and pentaerythritol are made by CSC at Agnew, Calif., for West Coast use. The former is available in inhibited and uninhibited grades at a concentration of 37% by weight.

Although CSC did not market U.S.P. riboflavin until 1945, it was the first company to synthesize riboflavin biologically and make it available in the form of concentrates. A highly soluble crystalline form was first marketed by CSC in 1949.

Acetone
Alkaterge®-C
Benzyltrimethylammonium Chloride[e]
Formaldehyde[f]

Pentaerythritol
Riboflavin, U.S.P.
Riboflavin, R. S., U.S.P.

a–Properties are for the 62% aqueous solution.
b–Decomposes.
c—At 10mm Hg.
d—At 25mm Hg.
e—At 37mm Hg.
f—At 27mm Hg.

physical properties

CHEMICAL FORMULA	MOLECULAR WEIGHT	SPECIFIC GRAVITY AT 20/20°C	POUNDS PER U.S. GALLON at 68°F	BOILING POINT OR DISTILLATION RANGE °C at 760 mm	FLASH POINT °F TAG OPEN CUP	SOLUBILITY ml per 100 ml PRODUCT IN WATER, 25°C	SOLUBILITY ml per 100 ml WATER IN PRODUCT, 25°C
$CH_3(CH_2)_3OH$	74.12	0.810-0.812	6.756	117.7	114	8.90	17.12
C_2H_5OH	46.07	0.7942 60/60°F	6.61 (60°F)	78.32	61	Miscible	Miscible
C_2H_5OH	46.07	0.8158 60/60°F	6.79 (60°F)	78.1	66	Miscible	Miscible
CH_3OH	32.04	0.792-0.793	6.63 (60°F)	64.5	60	Miscible	Miscible
NH_3	17.03	(Density, −30°F) 0.683	5.70(−30°F)	−33.35	—	45.7g/100ml	8.79g/100ml
$(CH_3)_2NH$	45.08	0.6865(−6°C)	7.7(25% sol)	6.88	—	Very soluble	—
CH_3NH_2	31.06	0.699(−10.8°C)	7.6(30% sol)	−6.79	—	Very soluble	—
$(CH_3)_3N$	59.11	0.662(−5°C)	—	2.87	—	Very soluble	—
$CH_3OHC(CH_3)NH_2CH_2OH$	105.14	Crystalline	—	151[c]	—	250g(20°C)	—
$CH_3C(CH_3)NH_2CH_2OH$	89.14	0.934	7.77	165	153	Miscible	Miscible
$CH_3CO_2C_5H_{11}$	130.18	0.865-0.871	7.25	125-150	95	0.4	1.6
$CH_3COO(CH_2)_3CH_3$	116.16	0.874-0.877	7.30	118-128	92	0.5	1.6
$CH_3CHOHCOO(CH_2)_3CH_3$	146.18	0.974-0.984	8.15	188	168	3.5	15.0
$C_{17}H_{33}COOC_4H_9$	340.57	0.856-0.861[k]	7.14	220-225[d]	370[g]	0.2	0.09
$C_6H_4(COOC_4H_9)_2$	278.34	1.047-1.049[e]	8.72	227-235	340[g]	0.01	0.46
$(COOC_2H_5)_2$	146.14	1.075-1.079	8.97	180-190	167	3.6	2.4
$CH_3COOC_4H_5$	88.10	0.883-0.888	7.36	77.1	40	9.7	9.8
$(C_4H_9)_3PO_4$	266.32	0.973-0.983	8.19	177-178	294[g]	0.6	7.5
$NH_2OH \cdot H_2SO_4$	131.11	Crystalline	—	[b]	—	390g/100 ml	—
$NH_2OH \cdot HCl$	69.50	Crystalline	—	[b]	—	94.7g/100 ml	—
$(NH_2OH)_2 \cdot H_2SO_4$	164.14	Crystalline	—	[b]	—	63.9g/100 ml	—
$CH_3CH_2NO_2$	75.07	1.052	8.75	114.0	106	4.5(20°C)	0.9(20°C)
CH_3NO_2	61.04	1.139	9.48	101.2	112	9.5(20°C)	2.2(20°C)
$CH_3CH_2CH_2NO_2$	89.09	1.003	8.35	132.0	120	1.4(20°C)	0.5(20°C)
$CH_3CHNO_2CH_3$	89.09	0.992	8.24	120.3	103	1.7(20°C)	0.6(20°C)
CH_3COCH_3	58.08	0.791-0.793	6.59	56.24	−15	Miscible	Miscible
—	Approx. 350	0.93	7.77	—	400[g]	0.005g/100 ml	—
$C_6H_5CH_2N(CH_3)_2Cl$	185.70	1.07	8.90	[b]	—	411g/100 ml	—
HCHO	30.03	1.096-1.108[h]	9.16-9.25[h]	−19	156-177[h,i]	Very soluble	—
$C(CH_2OH)_4$	136.1	Crystalline	—	—	—	Moderate	—
$C_{17}H_{20}O_6N_4$	376.19	Crystalline	—	[b]	—	10mg/100 ml	—
$C_{17}H_{20}O_6N_4$	376.19	Crystalline	—	[b]	—	120mg/100 ml	—

g—Cleveland open cup.
h—Varies with methanol content (specific gravity is at 18 /4°C, weight per gallon at 68°F).
i—Tag closed cup.
k—At 25 /25 °C.
l—Properties are for 37% aqueous solution.

uses

BUTANOL— Nitrocellulose and other cellulose ester lacquers, dopes and thinners; urea-formaldehyde resins, vinyl acetate; inks, hydraulic fluids, cleaners; as an *extractant*, *dehydrating agent*, *defrother*, *solvent*, and as a chemical *raw material*.

ETHYL ALCOHOL—Cosmetics, pharmaceuticals, lacquers, inks, plastics, adhesives; *raw material* in manufacture of vinegar, esters, butadiene; *fuel*; used as *extractant* and *drying agent*.

METHANOL—Stains, coatings, cleaners, and *anti-freeze* solutions; *raw material* for manufacture of formaldehyde, amines, esters; used as *precipitant*, *extractant*, and for many other solvent purposes.

AMMONIA, ANHYDROUS, LIQUID— Low cost *neutralizing agent; manufacture* of dyes, explosives, resins, synthetic fibers, fertilizers, rubber chemicals, fungicides, antiseptics, textile chemicals.

DIMETHYLAMINE—*Stabilizing agent* in latex and *solubilizing agent* for 2, 4-D; synthesis of rubber accelerators, surface-active agents, fungicides, pharmaceuticals, and dyestuffs.

MONOMETHYLAMINE—*Synthesis* of surface-active agents, dyestuffs, explosives, pharmaceuticals; organic *neutralizing agent*.

TRIMETHYLAMINE—*Synthesis* of various products including quaternary ammonium compounds; *warning agent* in toxic or flammable gases.

AMINOHYDROXY COMPOUNDS—*Raw materials* for synthesis; *emulsifying agents* in forms of their soaps; *stabilizers* in urea-formaldehyde and melamine finishes; raw materials for textile specialties, drying oils, and synthetic resins.

AMYL ACETATE—*Solvent* for nitrocellulose, ethyl cellulose, chlorinated rubber; *flavoring agent*.

BUTYL ACETATE— High boiling *solvent* in nitrocellulose lacquers, dopes, and thinners; solvent in inks, adhesives, cleaning fluids, leather finishes, plastic films. *Selective solvent* as in isolation of penicillin.

BUTYL LACTATE—Super high boiling *solvent* in lacquers; *manufacture* of inks, adhesives, resins and enamels.

BUTYL STEARATE—High boiling *waterproofing agent; stripping compositions* and in cosmetics, shaving creams, cleaners, polishes.

DIBUTYL PHTHALATE—Standard *plasticizer* in nitrocellulose lacquers; used in adhesives, molded products and in vinyl resin finishes.

DIETHYL OXALATE—*Color stabilizer* in ethyl cellulose hot melt coatings; *raw material* for synthesis of dyestuffs and barbiturates.

ETHYL ACETATE—*Solvent* for cellulose esters and ethers; *manufacture* of lacquers and dopes, inks, adhesives, cleaners and duplicator fluids. High purity grade available for drugs and food products.

TRIBUTYL PHOSPHATE—Highly efficient *anti-foam agent* for use in water-based paints; *pigment grinding assistant*; improves adhesion of lithograph inks on metal surfaces; powerful *solvent* for 2, 4-D.

HYDROXYLAMINE SALTS—Powerful *reducing agents* and useful for chemical *synthesis;* used in *manufacture* of dyes, pharmaceuticals, rust and polymerization inhibitors, rubber chemicals and photographic chemicals; *laboratory reagent*.

NITROPARAFFINS—Excellent *solvents* for cellulose esters and vinyl resins; useful *raw material* for synthesis; nitromethane is an excellent *selective solvent;* it is also used in special racing *fuels*.

ACETONE—Basic material for *manufacture* of numerous organic chemicals. Useful in *refining* and *purification* processes. Manufacture of rayon, cellulose ester dopes, plastics and cements, paint and varnish removers.

ALKATERGE®-C-Oil-soluble *surface active agent, emulsion stabilizer,* and *acid acceptor; pigment grinding assistant* and *dispersing agent; anti-foam agent*. Used in metal cleaners, lubricants, wool-scouring.

BENZYLTRIMETHYLAMMONIUM CHLORIDE—Cellulose purification, *catalyst* in production of phenolic resins, reclaiming of scrap rubber.

FORMALDEHYDE—*Manufacture* of phenol-, urea-, and melamine-formaldehyde resins; used in the *synthesis* of pentaerythritol, hexamethylene tetramine, dyestuffs, pharmaceuticals; a *disinfectant* and *fumigant*, and *hardening agent* for protein.

PENTAERYTHRITOL—Increasingly important *raw material* in the manufacture of alkyd resins, rosin esters and explosives.

RIBOFLAVIN, U.S.P. AND R.S., U.S.P.—For fortification of *foodstuffs* and in pharmaceutical preparations.

MARKET DEVELOPMENT CHEMICALS

available in experimental quantities

AMINES

Furfurylamine (2-furanmethylamine) $C_4H_3OCH_2NH_2$

Density at 25 °C (pure material) 1.0502
Boiling Point at 760 mm (pure material) . . . . . 145–146 °C
Melting Point . . . . . –70 °C approx.

Highly reactive heterocylic compound. Undergoes reactions typical of primary amines. Properties suggest application in the synthesis of dyestuffs, resins, pharmaceuticals, rubber, and petroleum additives.

2-Hydroxyethyltrimethylammonium bicarbonate (45% aqueous solution) $(CH_3)_3N(HCO_3)CH_2CH_2OH$

Freezing Point (45% solution) . . . . . –21.3 °C
Refractive Index n_D at 25 °C (45% solution) 1.3967

This quaternary ammonium salt appears to offer many possibilities as a latent alkaline catalyst for resins and other processes. Also as an intermediate for preparing choline salts.

AMINOHYDROXY COMPOUNDS

2-Amino-1-butanol $CH_3CH_2CHNH_2CH_2OH$

Sp. Gr. at 20/20 °C 0.944
Boiling Point at 760 mm . . . . . 178 °C
Melting Point . . . . . –2 °C

These compounds readily undergo a wide variety of reactions. They form substituted amides with acids, esters, anhydrides and acyl halides. They also react with other compounds including alkyl halides, aldehydes, ketones, and carbon disulfide.

2-Amino-2-ethyl-1,3-propanediol $CH_2OHC(C_2H_5)(NH_2)CH_2OH$

Sp. Gr. at 20/20 °C 1.099
Boiling Point at 10 mm . . . . 152–153 °C
Melting Point . . . . . 37.5–38.5 °C

The alkanolamines provide raw materials for synthesis, emulsifying agents in forms of their soaps, raw materials for textile specialties, drying oils, and synthetic resins.

Tris(hydroxymethyl) amino methane $(CH_2OH)_3CNH_2$

Boiling Point at 10 mm . . . . 219–220 °C
Melting Point . . . . . 171–172 °C

N-Methylglucamine $CH_3{\cdot}NH{\cdot}CH_2(CHOH)_4{\cdot}CH_2OH$

Melting Point . . . . . 128–129 °C

N-Methylglucamine is a polyhydroxyamine with properties that suggest application in the synthesis of surface-active agents, pharmaceuticals, dyeing assistants and other fields. It undergoes many reactions typical of secondary amines. It is soluble in water, and pH of a 1% aqueous solution at 25 °C is 10.5.

AMIDES

Dimethylformamide $H{\cdot}CO{\cdot}N(CH_3)_2$

Density at 25 °C 0.9445
Boiling Point at 760 mm . . . . . 153 °C
Melting Point . . . . . –61.0 °C

A powerful solvent for a wide variety of materials including nitrocellulose, cellulose acetate, cellulose triacetate and vinylite resins. It exhibits selective solvent properties—its low volatility and stability to heat facilitate easy, low-loss recovery. It possesses outstanding solvent properties for many common gases.

CHLORONITROPARAFFINS

1-Chloro-1-nitropropane $CH_3CH_2CHClNO_2$

Sp. Gr. at 20/20 °C 1.209
Distn. Range (90%) . . . . 139.5–143.3 °C

2-Chloro-2-nitropropane $CH_3CClNO_2CH_3$

Sp. Gr. at 20/20 °C 1.193
Distn. Range (90%) 129.0–132.3

1, 1-Dichloro-1-nitroethane $CH_3CCl_2NO_2$

Sp. Gr. at 20/20 °C 1.405
Distn. Range (90%) . . . . 122.0–125.0 °C

1, 1-Dichloro-1-nitropropane $CH_3CH_2CCl_2NO_2$

Sp. Gr. at 20/20 °C 1.314
Distn. Range (90%) . . . . . 141–143.6 °C

This versatile group comprises stable liquids miscible with most organic solvents, including the lower alcohols, glycols, esters, ethers, petroleum hydrocarbons, mineral oils, and vegetable oils. The chloronitroparaffins are excellent as solvents for fats and waxes and as anti-gelling agents in certain types of rubber cement.

Of this group 1, 1-dichloro-1-nitroethane is a powerful fumigant for insect pests attacking stored furs, tobacco, and a variety of foodstuffs.

NITROHYDROXY COMPOUNDS

2-Nitro-1-butanol $CH_3CH_2CHNO_2CH_2OH$

Boiling Point at 10 mm . . . . . 105 °C
Melting Point . . . . . –47 to –48 °C

2-Nitro-2-ethyl-1,3-propanediol $CH_2OHC(C_2H_5)NO_2CH_2OH$

Melting Point . . . . . 56–57 °C

2-Nitro-2-methyl-1,3-propanediol $CH_2OHC(CH_3)NO_2CH_2OH$

Melting Point . . . . . 147–149 °C

2-Nitro-2-methyl-1-propanol $CH_3C(CH_3)NO_2CH_2OH$

Melting Point . . . . . 90–91 °C

Tris (hydroxymethyl) nitromethane $(CH_2OH)_3CNO_2$

Melting Point . . . . . 165–170 °C

Of particular interest in chemical synthesis. One compound of this group has shown usefulness as a heat sensitizer for rubber latex; another as a high-boiling solvent for zein, cellulose acetate, and oil-soluble dyes. They are also useful as mild oxidizing agents.

POLYSACCHARIDES

Native Dextran, 1,6′ α-pyranose polymer

Native dextran is currently being evaluated in the fields of food, cosmetics, paper, pharmaceuticals, textiles, and printing. In these applications, it is being tested as a thickening agent to increase viscosity and to aid in suspension of solids.

SURFACE-ACTIVE AGENTS

Alkaterge-A,® Alkaterge-E,® Alkaterge-T®

This group comprises three new substituted oxazolines. They are cationic, oil-soluble, surface-active agents similar in structure and properties to the established surface-active agent, Alkaterge-C. The new products should prove valuable as auxiliary emulsification agents, spreading agents, pigment-grinding assistants, defoaming agents and dispersing agents.

Glucaterges®

These additions to the class of non-ionic surface-active agents are prepared from fatty acids and a polyhydroxy amine. They exhibit a unique combination of properties which suggests new possibilities for ideal performance characteristics under a wide range of conditions.

The outstanding foaming properties, excellent detergency, and good "feel" of Glucaterge-12 suggest applications in hair shampoos, shaving creams, and other cosmetic products. Also, this product is an emulsifying agent for hydrocarbon emulsions, and a dispersing agent for carnauba wax. Tests indicate its usefulness as a wool detergent.

Low-foaming detergent Glucaterge-28 possesses characteristics that recommend its use for mechanical dishwashing compounds and other applications where low-foaming properties combined with strong detergency are desirable. It is a useful component of soap products for hard-water areas, and can also be used to advantage in formulating specialty cleaners such as used on woodwork, walls, glass and tile.

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5309 CS-57500

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Cambridge 42, Mass, 31 Main St Kirkland 7-6947
Chicago 1, Ill, 333 N Michigan Ave Franklin 2-2700
Cincinnati, Ohio, 626 Broadway Cherry 1-4254
Detroit 2, Mich, 323 Curtis Bldg Trinity 1-0332
Knoxville, Tenn, 612 S Gay St 5-2017
N Y 18, 500 5 Ave Penn 6-6863

Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y Main 5-0290

Clarion Chem Corp, 17-31 George St, Newark 5, N J Market 3-5725

Clark Bros Co, Inc, Olean, N Y 2-2101

Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich 2-6561
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N Y 6, 165 Broadway Worth 4-4747
Norfolk, Va, 320 W 21 St 2-9533
Pittsburgh 19, Pa, 429 4 Ave Gr 1-6909
St Louis 10, Mo, 1600 S Kingshighway Grand 5938
San Francisco 3, Cal, 785 Market St, Yukon 2-0519
Washington 5, D C, 1000 Vermont Ave N W National 8-1669

Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio Express 1-1414

Clarkson Co, 564 Market St, San Francisco 4, Cal SU 1-6613

Clayton Mfg Co, P O Box 550, 401 N Temple City Blvd, El Monte, Cal Atlantic 6-1161
Atlanta, Ga, Unit 6, Bldg A, 710 Murphy Ave Raymond 0766
Chicago 12, Ill, 638 N Albany Ave Kedzie 3-1383
Cleveland, Ohio, 11304 Superior Ave Garfield 1-1280
Detroit 4, Mich, 4620 Oakman Blvd at Chicago Blvd Webster 3-2442
Latham (Albany County), N Y, P O Box 499 Arsenal 3-3222
Newton 58, Mass, 441 Watertown St Decatur 2-8905
Norwood (Cincinnati 12), Ohio, 1774 Mentor Ave Redwood 9173

Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis Woodruff 2-0100

Cleveland Container Co, 6201 Barberton Ave, Cleveland 2, Ohio Olympic 1-4500
Chicago 9, Ill, 4919-25 S Halsted St
Detroit, Mich, 289 S Harbaugh Ave
Jamesburg, N J, P O Box 165, Gatzmer Ave
Ogdensburg, N Y, 1857 Ford St
Plymouth, Wis, Schwartz & Market Sts

Cleveland Vibrator Co, 2828 Clinton Ave, Cleveland 13, Ohio Cherry 1-7157

Cleveland Wire Cloth & Mfg Co, 3573 E 78 St, Cleveland 5, Ohio Diamond 1-1832

Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio Vulcan 3-4560

Clifford Chem Div, Standard International Corp, 170 Broadway, N Y 38 Whitehall 4-3252

Cliffs Dow Chem Co, Wright St, Marquette, Mich 2261

Climax Molybdenum Co, 500 5 Ave, N Y 36 Longacre 4-2740
Chicago 1, Ill, 230 N Michigan Ave Central 6-2027
Denver 2, Col, Midland Savings Bldg Keystone 7147
Detroit 2, Mich, 624 Fisher Bldg Trinity 5-4180
Los Angeles 17, Cal, 650 S Grand Ave Trinity 1028
Pittsburgh 19, Pa, 479 Union Trust Bldg Atlantic 1-6238

Clinton Foods, Inc, Clinton, Iowa 14
Atlanta, Ga, 161 Spring St Bldg Walnut 8998
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Greenville, S C, S C National Bank Bldg 2-8022
Kansas City, Mo, 1016 Baltimore Bldg Harrison 3620
Milwaukee, Wis, 106 W Seeboth St Broadway 2-1720
Minneapolis, Minn, 705 Palace Bldg Fillmore 4671
N Y 5, 120 S Wall St Whitehall 4-0910
San Francisco 7, Cal, 383 Bannan St Yukon 2-1889
Somerville, Mass, 15 R McGrath Hgwy 6-8200

Cloroben Corp, 225 Mercer St, Jersey City 2, N J Henderson 2-4646

James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill Kedzie 3-4040
Birmingham 2, Ala, P O Box 2542 52-2721
Cleveland 14, Ohio, N B C Bldg Cherry 1-7871
Dallas 6, Tex, 5637 Daniels St Emerson 2896
Detroit 2, Mich, 8-166 General Motors Bldg Trinity 5-3770
Houston 2, Tex, 2919 Main St Keystone 8148
Kansas City 6, Mo, 1104 Land Bank Bldg Victor 3960
Los Angeles 6, Cal, 1930 W Olympic Blvd Dunkirk 9-8037
Minneapolis 2, Minn, 225 S 5 St Main 3761
New Orleans, La, 540 International Trade Mart Tulane 3324

Coast Metals, Inc, P O Box 7, 201 Redneck Ave, Little Ferry, N J Diamond 2-8900

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E D Coddington Mfg Co, 5024 N 37 St, Milwaukee, Wis Hilltop 5-2240

Cohutta Talc Co, P O Drawer 363, Dalton, Ga 223

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Atlanta 5, Ga, 805 Peachtree St, N E
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Chicago 11, Ill, 919 N Michigan Ave
Kansas City 2, Mo, 406 W 34 St
Newark 2, N J, 60 Park Place
ORGANIC CHEM SECTION
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Collett-Week-Nibecker Inc, Eastern Div, Quimby St, Ossining, N Y 2-3440
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Colloids, Inc, 394 Freilinghuysen Ave, Newark 5, N J Bigelow 3-8500
High Point, N C, 1716 Ward St

Colony Import & Export Corp, 11 E 44 St, N Y 17 Murray Hill 2-3160

Colorado Asbestos & Mining Co, Box 65, 200 Plain St, S Braintree 85, Mass Braintree 2-3214

Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col Keystone 4211

Arthur Colton Co, 3400 E Lafayette Ave, Detroit 7, Mich Lorain 7-0124
Chicago 39, Ill, 5807 W Diversey National 2-8324
Los Angeles 7, Cal, 2021 S Hill St Richmond 7-5424
N Y, 303 5 Ave Murray Hill 6-3787
Paducah, Ky, 2601 Broadway 83
Phila, Pa, 401 N Broad St Lombard 3-3784
San Francisco, Cal, 420 Market St Sutter 3839

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Columbia-Southern Chem Corp Sub, Pittsburgh Plate Glass Co, 420 Duquesne Way, Pittsburgh 22, Pa Atlantic 1-5606
Boston 16, Mass, Little Bldg Hancock 6-0277
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Houston, Tex, 408 Rusk Bldg Blackstone 5441
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New Orleans, La, Asbestone Bldg Magnolia 0693
N Y 20, 30 Rockefeller Plaza Circle 7-3850
Phila 2, Pa, 1410 Packard Bldg Locust 4-1170
St Louis 3, Mo, 610 Shell Bldg Chestnut 0611
San Francisco 5, Cal, 625 Market St Yukon 2-0272

Columbia Wax Co, 530 Riverdale Dr, Glendale 4, Cal Chapman 5-2029

Columbian Carbon Co, Mapico Color Div, 380 Madison Ave, N Y 17 Vanderbilt 6-2300

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Anaheim, Cal (Mutual Citrus Products Co) 2146

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Chicago 6, Ill, 603 W Washington Blvd Randolph 6-6822
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N Y 6, 117 Liberty St Worth 4-5874
Rochester 4, N Y, 520 Granite Bldg, 130 E Main St Baker 3568

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St Louis, Mo, D-20 Railway Exchange Bldg Main 2050

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See Catalog Pg. 33-36
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Cleveland 13, Ohio, 1220 W 9 St Cherry 1-2693
Detroit 7, Mich, 1900 E Jefferson Ave Lorain 7-2414
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N Y 17, 285 Madison Ave Murray Hill 3-0860
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Washington 5, D C, 711 14 St N W Republic 7-3697

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Construction Machy Co, Box 120, Waterloo, Iowa 5715
N Y, 62 William St Whitehall 3-1285

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Continental Can Co, Inc, Fibre Drum Div, 965 Glenn St, Van Wert, Ohio 2611
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Cleveland 14, Ohio, 1721 N B C Bldg
Eau Claire, Wis, 321½ Eau Claire St
Los Angeles 17, Cal, 1120 Wilshire Blvd
N Y 17, 100 E 42 St
Phila 7, Pa, 12 S 12 St
Pittsburgh 19, Pa, 2615 Grant Bldg
St Louis 1, Mo, 411 N 7 St
San Francisco 4, Cal, Russ Bldg
Tonawanda, N Y, 2122 Colvin Blvd
Van Wert, Ohio, Pollock Bldg

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N Y 36, N Y, 25 W 43 St 6-3762
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Pampa, Tex, 419 W Atchison St 7-5544
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San Francisco, Cal, 29 Pine St El-3610
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Shreveport, La, 403 Lake St 2-6156
Tulsa 1, Okla, 201 E 1 St
Washington 5, D C, 1511 K St, N W National 8310

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Cleveland, Ohio, 2860 E 130 St Wyoming 1-7600
Columbus, Ohio, 508 Grand Theatre Bldg, 55 E State St
Dallas, Tex, W Lee O'Daniel Life Ins Bldg, 3409 Oak Lawn Ave Logan 7219
Denver, Col, 621 Denham Bldg, 635 18 St
Des Moines, Iowa, Walnut Bldg, 5 & Walnut Sts
Detroit, Mich, 441 New Centre Bldg, 7430 2 Blvd Trinity 5-3780
Fort Smith, Ark, Professional Bldg, 100 N 6 St
Grand Rapids, Mich, 401 Murray Bldg, 48 Division Ave N
Greensboro, N C, Southeastern Bldg 2-4591
Greenville, S C, 1304 South Carolina National Bank Bldg, 15 S Main St 2-3826
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Indianapolis, Ind, 716 Illinois Bldg, Illinois & Market Sts Lincoln 8553
Kansas City, Mo, 520 Grand Ave Bank Bldg, 1805 Grand Ave Victor 1067
Louisville, Ky, 209 Fincastle Bldg, 305 W Broadway Jackson 8926
Memphis, Tenn, 1025 Dermon Bldg, 46 N 3 St 8-4216
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Omaha, Neb, 707 Insurance Bldg, 1708 Farnam St Nebraska 4-2600
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Saginaw, Mich, 1830 N Michigan Ave
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St Paul, Minn, 2451 University Ave Nestor 7393
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Cincinnati, Ohio, 7617 Reading Rd
Cleveland, Ohio, 337 Bulkley Bldg
Detroit, Mich, 15464 James Couzens Hway
Jersey City, N J, 99 Montgomery St
Milwaukee, Wis, R R #3, W Bend
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Phila, Pa, 5 E Montgomery Ave, Bala-Cynwyd
Pittsburgh, Pa, 1302 Clark Bldg, 717 Liberty Ave
St Louis, Mo, 4165 Flora Blvd
San Francisco, Cal, 53 Stevenson St
Tulsa, Okla, 208 Midco Bldg
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Crocker Wheeler Div, Elliott Co, Ampere, N J Humboldt 3-7000
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Boston 10, Mass, 75 Federal St Liberty 2-5280
Buffalo 2, N Y, 807 Crosby Bldg, 170 Franklin St Mohawk 3828
Charlotte, N C, Liberty Life Bldg 3-9172
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Cleveland 14, Ohio, 1319 National City Bank Bldg Superior 1-9150
Dallas 1, Tex, 1624 Irwin-Keasler Bldg Riverside 4695
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Duluth, Minn, 613 Providence Bldg 2-0983
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Picayune, Miss 217
Crosby Steam Gage & Valve Co, 43 Kendrick St Wrentham, Mass 248
Chicago, Ill, 220 S State St Harrison 7-7033
Dallas, Tex, 2033 Main St Riverside 4771
Los Angeles, Cal, 2034 Santa Fe Ave Kimball 8155
N Y, 165 Broadway Courtlandt 7-2074
Croton Chem Corp, 114 Liberty St, N Y 6 Rector 2-0403
Crouse-Hinds Co, Wolf & 7 North Sts, Syracuse 1, N Y 74-1011
Albany 1, N Y, P O Box 423 2-6633
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Chicago 6, Ill, 600 W Jackson Blvd Franklin 2-5917
Cincinnati, Ohio, Roselawn Center Bldg, 7373 Brookcrest Dr Redwood 8231
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Minneapolis, Minn, 2118-2119 Foshay Tower Main 7712
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Pittsburgh, Pa, 918 Empire Bldg Grant 1-6882
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St Louis, Mo, 3732 Washington Blvd Newstead 5555
San Francisco, Cal, 370 Brannan St Garfield 1-5267
Seattle, Wash, 1056 4 Ave S Elliott 1350
Tulsa 3, Okla, Boulder Bldg, 17 W 10 St
Washington, D C, 607 Investment Bldg, 1511 K St N W Republic 2033
Crowley Tar Products Corp, 267 Madison Ave, N Y 16 Murray Hill 3-1040
High Point, N C
Paulsboro, N J
San Francisco, Cal
Weehawken, N J
Crown Can Co, H St & Erie Ave, Phila, Pa Jefferson 3-5000
Baltimore, Md, Munsey Bldg Lexington 2340
Boston 39 (Cambridge), Mass, 530 Main St Kirkland 7-8620
Chicago 23, Ill, 3501 W 31 St Bishop 7-8910
Cleveland 7, Ohio, 1571 W 117 St
Houston, Tex, 1121 Wyatt St Wayside 4987
N Y 17, 60 E 42 St Vanderbilt 6-5170
Orlando (Tampa) 9, Fla, 4201 Beachway Dr
Ridgefield, N J, 418 Abbott Ave Morsemere 6-5584
St Louis 20, Mo, 5622 Natural Bridge Ave Mulberry 5200
Salisbury, Md, Box 691 1259-W
Crown Cork & Seal Co, Inc, Eastern Ave & Kresson Sts, Baltimore, Md Broadway 6-0400
Atlanta 2, Ga, 232 Nelson St S W
Baltimore 3, Md, 5 S Haven St
Boston 39 (Cambridge), Mass, 530 Main St
Brooklyn 32, N Y, 253 36 St
Chicago 10, Ill, 401 W Ontario St
Cincinnati 10, Ohio, 1104 Race St
Dallas 1, Tex, 917 Marion St
Denver 6, Col, 3725 E 7 Ave
Detroit 8, Mich, 5301 Grand River Ave
Des Moines 9, Iowa, Iowa Bldg
Houston 1, Tex, 15 Kendall St
Jacksonville 3, Fla, McDuff & Strickland Sts
New Orleans 19, La, Dixon & S Clark St
N Y 17, 60 E 42 St
Crucible Steel Co of America, 405 Lexington Ave, N Y 17 Murray Hill 6-7160
Atlanta, Ga, 957 W Marietta St N W Vernon 8811
Baltimore 2, Md, 1507 Mercantile Trust Bldg Plaza 2883
Buffalo 3, N Y, 69 Carroll St MA 8700
Cambridge 42, Mass, 135 Binney St Kirkland 7-0435
Charlotte, N C, 129½ N Poplar St 4-0468
Chicago 39, Ill, 4501-4531 W Cortland St Spaulding 2-0300
Cincinnati 25, Ohio, 2900 Spring Grove Ave Kirby 3666
Cleveland 14, Ohio, 1258-74 E 55 St Henderson 1-9400
Denver 5, Col, 2635 Walnut St Tabor 7218
Detroit 10, Mich, 3245 Hubbard Ave Tashmoo 5-8200
Houston 1, Tex, 6416 Navigation Blvd WA 7113
Indianapolis 4, Ind, 308 W Maryland St Lincoln 7461
Los Angeles 21, Cal, 1207-09 Sante Fe Ave Trinity 3707
Milwaukee 4, Wis, 135 E Pittsburgh Ave Marquette 8-6441
New Haven 8, Conn, 131 Park St 5-6121
N Y 9, 650-652 E 12 St Barclay 7-8723
Newark 5, N J, S 4 St (Harrison, N J) Market 3-3415
Phila 1, Pa, P O Box 7557 Granite 4-1100
Pittsburgh 30, Pa, Henry W Oliver Bldg, P O Box 88 Atlantic 1-3800
Providence 3, R I, 116 Clifford St Gaspee 1-3895
Rockford 5, Ill, Rockford Trust Bldg 3-9389
St Louis 2, Mo, 1021 Chouteau Ave Central 8667
St Paul 4, Minn, 2395 University Ave Midway 5906
San Francisco 10, Cal, 2050 Bryant St Atwater 2-8011
Seattle 4, Wash, 2755 1 Ave S Elliott 6050
Springfield 1, Mass, 116 Liberty St 2-5158
Syracuse 2, N Y, State Fair Blvd 2-1231
Washington 5, D C, 912-913 Shoreham Bldg National 7606
Crystal Soap & Chem Co, Inc, 6300 State Rd, Phila 35, Pa Mayfair 4-1922
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn 5-5771
Curran Corp, S Canal St, Lawrence, Mass 3-4541
Chicago, Ill, 5829 W 66 St (Gunk Chicago Co) Portsmouth 7-0036
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill BE 7-7797
Cutler-Hammer Inc, 524 N 12 St, Milwaukee 1, Wis Br 8-7800
Atlanta, Ga, 714 Spring St N W
Baltimore 18, Md, 1115 E 30 St
Boston 15, Mass, 784 Commonwealth Ave
Buffalo 3, N Y, 295 Main St
Charlotte 2, N C, 237 S Tryon St
Chicago 6, Ill, 400 W Madison St
Cincinnati 2, Ohio, 804 Pium St
Cleveland 3, Ohio, 2010 E 46 St
Columbus 9, Ohio, 2700 E Main St
Dallas 2, Tex, 1331 Dragon St
Davenport, Iowa, 220 Main St
Dayton 2, Ohio, 410 W 1 St
Denver 2, Col, 1031 15 St
Detroit 3, Mich, 15427 Woodrow Wilson Ave
Fresno 3, Cal, 2946 Michigan Ave
Grand Rapids 2, Mich, 407 Bldg & Loan Bldg
Houston 3, Tex, 1605 Jefferson St
Indianapolis 5, Ind, 644 E Maple Rd
Los Angeles 31, Cal, 1795 Pasadena Ave
Midland, Tex, 508 N Main St
Milwaukee 3, Wis, 536 W Wisconsin Ave
Minneapolis 15, Minn, 523 S 7 St
New Orleans 12, La, 833 Howard Ave
N Y 18, 8 W 40 St
Newark 2, N J, 155 Washington St
Omaha, Neb, 320 W O W Bldg
Phila 7, Pa, 112 N 12 St
Pittsburgh 22, Pa, 355 S Ave
Portland 4, Ore, 208 S W Stark St
Rockford, Ill, 1404 N Main St
Sacramento 20, Cal, 4840 Cabrillo Way
Saginaw, Mich, 107 N Franklin St
St Louis 3, Mo, 1914 Washington Ave
Salt Lake City 1, Utah, 165 S 1 West
San Francisco 7, Cal, 2130 3 St
Seattle 4, Wash, 619 8 Ave S
South Bend 5, Ind, 108 N Main St
Syracuse 2, N Y, 109 S Warren St
Tampa, Fla, P O Box 2714
Tulsa 3, Okla, 315 S Boulder St
Washington 5, D C, 1109 Investment Bldg
Youngstown 3, Ohio, 25 E Boardman St
Cutler-Magner Co 1116 Fidelity Bldg, Duluth 2, Minn 2-1418
Minneapolis, Minn, 1325 Rand Tower Main 8409
Cycleweld Cement Products Plant Div, Chrysler Corp, Box 775, Trenton, Mich 2000
Los Angeles, Cal, 5800 S Eastern Ave, P O Box 2798, Terminal Annex Tinderhill 0-2581
Cyclotherm Div, United States Radiator Corp, 157 E 1 St, Oswego, N Y 666
Chicago, Ill, 431 S Dearborn St Harrison 7-4856
N Y, 60 Hudson St Rector 2-9735

D

Dadant & Sons, Inc, 102 Broadway, Hamilton, Ill 103
Paris, Tex, 1010 W Austin St
Dajac Labs, 511 Lancaster St, Leominster, Mass 3347
Dalton-Cooper, Inc, 200 W 34 St, N Y 1 Longacre 4-2910
Damon Chem Co, Inc Box 774, Alliance, Ohio 1-5319
Dampney Co, Hyde Park, Boston 36, Mass Hyde Park 3-2131
Chicago 4, Ill, 53 W Jackson Blvd Harrison 7-2193
N Y 6, 114 Liberty St Digby 9-2630
Phila 6, Pa, 320 Bourse Bldg Lombard 3-2522
Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill Yards 7-3000

Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa 3-6124
Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn 5-4411
Davies Nitrate Co Inc, 114 Liberty St, N Y 6 Rector 2-6095
Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton 1, Ohio Michigan 6591
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20 Circle 6-5650
Elizabeth 4, N J, 1064 E Grand St 2-6780
Davison Chem Corp, 101 N Charles St, Baltimore 3, Md Saratoga 3900
Alliance, Ohio, P O Box 599 2297
Bartow, Fla, P O Box 471 310
Chicago 3, Ill, 19 S LaSalle St State 2-1638
Cincinnati 29, Ohio, 4775 Paddock Rd Redwood 3312
Columbus 15 Ohio, 918 Atlas Bldg Adams 7239
Gretna, La, 1 & Amelia Sts Algiers 3500
Lansing, Mich
Nashville, Tenn, 54 Ave, North & Centennial Blvd 9-4536
New Albany, Ind, W 10 & River Sts 5-6671
N Y 17, 420 Lexington Ave Murray Hill 5-5484
Perry, Iowa 1270
Savannah, Ga, P O Box 246 2-2123
Dawe's Labs, Inc, 4800 S Richmond St, Chicago 32, Ill Virginia 7-3710
Day Co, 810 3 Ave N E, Minneapolis 13, Minn Geneva 9671
Buffalo, N Y, 1097 Genesee St Bailey 6968
Chicago, Ill, 855 Board of Trade Bldg, 141 W Jackson Blvd Harrison 7-3721
Fort Worth, Tex, 804 N Throckmorton St Fortune 5463
J H Day Co, Inc, 1144 Harrison Ave, Cincinnati 22, Ohio Garfield 3730
Chicago, Ill, 407 S Dearborn HA 7-1778
N Y, 480 Lexington Ave Plaza 9-7182
Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J Charter 7-1118
De Bear Inc, 636 11 Ave, N Y 36 Plaza 7-0960
De Laval Separator Co, Poughkeepsie, N Y 4200
Chicago, Ill, 427 Randolph St
San Francisco, Cal, 67 Beale St (De Laval Pacific Co)
Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill WH 4-3273
Cincinnati 2, Ohio, 1101 Union Central Bldg Main 1486
Cleveland 14, Ohio, 606 Williamson Bldg Cherry 1-7385
Denver 2, Col, Equitable Bldg Keystone 1786
Detroit 26, Mich, 3240 Book Tower Woodward 3-6219
Indianapolis 4, Ind, 1011 Chamber of Commerce Bldg Plaza 7582
Los Angeles 21, Cal, 807 Mateo St Trinity 3385-6
N Y 17, 205 E 42 St Murray Hill 4-2812
Phila 2, Pa, Commercial Trust Bldg Locust 7-1261
Pittsburgh 22, Pa, 1514 Farmers Bank Bldg Atlantic 1-0399
St Louis 3, Mo, 1218 Olive St Main 2316
Tulsa 3, Okla, 208 Midco Bldg 4-4878
Debevoise Co, 74 20 St, Bklyn 32, N Y Hyacinth 9-1300
Deecy Products Co, 120 Potter St, Cambridge 42, Mass KI 7-7036
George Degen & Co, Inc, 111 Broadway, N Y 6 Barclay 7-5560
Dehls & Stein Inc, 237 South St, Newark 5, N J Market 2-6141
Deister Mach Co, 1933 E Wayne St, Ft Wayne 4, Ind Anthony 3332
J H DeLamar & Son, Inc, 461 W Erie St, Chicago 10, Ill Michigan 2-2860
Delanium Carbon Corp, 18 E 48 St, N Y 17 Plaza 3-3161
Morton Grove, Ill, 8210 Austin Ave 4510
Delany & Co, Inc, Milnor & Cottman Sts, Tacony, Phila 35, Pa MA 4-5500
Chicago, Ill, 5805 W Diversey Ave
N Y, 50 Church St
DeLaval Steam Turbine Co, Trenton 2, N J 6-9281
Delaware Barrel & Drum Co, Inc, Eden Park Gardens, Wilmington, Del 6-8915
Delft Co, 20 E Jackson Blvd, Chicago 4, Ill Webster 9-0626
Delta Chem Works, Inc, 23 W 60 St, N Y 23 Plaza 7-6317
Delton Products Corp, 154 Nassau St, N Y 38 Barclay 7-5462
DeMert & Dougherty, Inc, 3001 W 47 St, Chicago 32, Ill Lafayette 3-5600
Milwaukee 2, Wis, 223 E Detroit Broadway 2-6590
St Louis 3, Mo, 1600 Clark Ave Garfield 3900
Deming Co, Salem, Ohio 8741
Dempster Bros, Inc, Springdale Ave, Knoxville 17, Tenn 4-2776
Denver Equipment Co, 1400 17 St, Denver, Col CH 4466
Chicago, Ill, 1123-4 Bell Bldg, 307 N Michigan Ave CE 6-2423
El Paso, Tex, 510 San Francisco St 3-8371
N Y, 4114 Empire State Bldg Chickering 4-6510
Desmo Chem Corp, 607 5 Ave N Y 17 Plaza 8-3140
d'Este Div Kave & MacDonald Inc 15 Central Ave, W Orange, N J Orange 4-8060
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn Gladstone 1351
Chicago 40, Ill, 4554 N Broadway Long Beach 1-4935
Detecto Scales Inc, 540 Park Ave, Bklyn, N Y Main 4-6100
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich Townsend 8-8600
Chicago 5, Ill, 600 S Michigan Ave Harrison 7-3530
Englewood, N J, 39 Park Pl 3-1245
Los Angeles 23, Cal, 625 S Anderson St Angelus 9-1185
Detroit Chem Works, 125 S Junction Ave, Detroit 9, Mich Vi 1-3700
Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich Tr 5-8344
Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass Trowbridge 6-1400
Chicago, Ill, 6050 W 51 St Portsmouth 7-3223
San Leandro, Cal, 2140 Davis St Lockhaven 8-3427
Dexter Chem Corp, 819 Edgewater Rd, N Y 59 Kilpatrick 2-4550
DeZurik Shower Co, Sartell, Minn 1080
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio Main 1-6100
Chicago 6, Ill, 20 N Wacker Dr State 2-9550
Cincinnati 2, Ohio, 525 Walnut St Main 1-0721
Cleveland 13, Ohio, 633 Penton Bldg Cherry 1-0736
Houston 2, Tex, 1006 Main St Grahms 9-2301
Memphis 3, Tenn, 1381 Helstan Pl 5-3546
N Y 17, 122 E 42 St Plaza 9-8236
Phila 7, Pa, 12 S 12 St Lombard 3-8016
Pittsburgh 22, Pa, 2527 Oliver Bldg Grant 1-7500
St Louis 8, Mo, 4246 Forest Park Blvd Jefferson 7955
Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal Olympic 2-1169
Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J Market 2-6838
Houston 2, Tex, 1006 Main St Fairfax 7329
Diamond Chain Co, Inc, 402 Kentucky Ave, Indianapolis 7, Ind Franklin 1311
Battle Creek, Mich, 54 N 27 St 5075
Chicago, Ill, 3959 W Ogden Ave Lawndale 1-3111
Cincinnati, Ohio, 4930 Paddock Rd Melrose 2287
Dallas, Tex, 3301 Mockingbird Lane Justin 8-6387
Lakewood 7, Ohio, 15614 Detroit Ave Boulevard 2-7322
Minneapolis, Minn, 215 6 St S E Lincoln 6196
Needham 92, Mass, P O Box 247 3-2970
Phila, Pa, 1011 Chestnut St Walnut 2-2865
San Francisco, Cal, 3232 Mission St Mission 8-4694
Tulsa, Okla, 2238 Terwilleger Blvd 4-8760
Diamond Power Specialty Corp, P O Box 415, Lancaster, Ohio 4830
Boston 10, Mass, 10 High St Hancock 6-6676
Chicago 3, Ill, Bankers Bldg, 105 W Adams St Randolph 4426
Detroit 26, Mich, 3440 Book Tower, 1227 Washington Blvd Woodward 5-6150
N Y 36, 37 W 43 St Murray Hill 2-7080
Phila 7, Pa, 404 Liberty Trust Bldg LO 4-1167
Dicalite Div, Great Lakes Carbon Corp, 612 S Flower St, Los Angeles 17, Cal Madison 9-1611
Boston 67, Mass, 186 Thornton Rd Parkway 7-5014
Buffalo 10, N Y, 290 Larkin St
Chicago 1, Ill, 333 N Michigan Ave Franklin 2-5445
Cincinnati 37, Ohio, 1717 Section Rd Redwood 9752
Cleveland 16, Ohio, 19140 Detroit Rd Edison 1-4500
New Orleans 12, La, Canal Bldg Magnolia 3772
N Y 17, 18 E 48 St El Dorado 5-6200
Phila 2, Pa, 1411 Walnut St Rittenhouse 6-8075
St Louis 1, Mo, 812 Olive St Geneva 1270
San Francisco 6, Cal, 25 Beale St Sutter 1-2488
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill Plaza 2-0090
William Diehl & Co, 336 W 42 St, N Y 36 Bryant 9-5211
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y Main 2-0703
W C Dillon & Co, Inc, 1421 S Circle Ave, Forest Park, Ill Mansfield 6-4887
Dings Magnetic Separator Co, 4740 W Electric Ave, Milwaukee 46, Wis Orchard 2-7830
Distillation Products Indsutries, Div Eastman Kodak Co, 755 Ridge Rd W, Rochester, N Y Glenwood 1877
Distributing & Trading Co, 444 Madison Ave, N Y 22 EL 5-0776
Diversey Corp, 1820 Roscoe St, Chicago 13, Ill GR 7-3000
Atlanta 3, Ga, 101 Marietta St Bldg
Cleveland 14, Ohio, 412 Park Bldg
Dallas 1, Tex, 1314 Wood St
Kansas City 6, Mo, 216 E 10 St
Macon, Ga, 665 12 St
Minneapolis 3, Minn, 1200 2 Ave
Newark 5, N J, 400 Frelinghuysen Ave
San Francisco 5, Cal, 525 Market St
Seattle 1, Wash, Joshua Green Bldg
South Gate, Cal, 5720 Imperial Hway
Dixie Pine Products Co, Inc, P O Drawer 470, Hattiesburg, Miss 2336
Dixo Co, 225 River Rd, Garfield, N J Prescott 7-7215
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill Vanderbilt 4-1122
Atlanta, Ga, 304 Decatur St S E
Baltimore, Md, 5621 York Rd
Birmingham, Ala, 800 N 24 St
Brookline, Mass, 89 Washington St
Buffalo, N Y, 1063 Kenmore Ave
Cedar Rapids, Iowa, 624 5 St S E
Charlotte, N C, 405 S Mint St
Chicago, Ill, 4650 W Fullerton
Cincinnati, Ohio, 536 Sycamore St
Cleveland, Ohio, 6517 Euclid Ave
Dallas, Tex, 1628 Industrial Blvd
Dayton, Ohio, 725 S Main St
Denver, Col, 1187 Stout St
Detroit, Mich, 15010 Plymouth Rd
Grand Rapids, Mich, 410 Hall St S E
Hartford, Conn, 45 Farmington Ave
Houston, Tex, 121 St Emanuel
Indianapolis, Ind, 1401-3 N Illinois St
Jacksonville, Fla, 1106 Kings Ave
Kansas City, Mo, 1019 E Truman Rd
Los Angeles, Cal, 1316-18 S Sante Fe
Milwaukee, Wis, 2427 W North Ave
Minneapolis, Minn, 1328 S 4 St
Nashville, Tenn, 1923 Church St
N Y, 67 Lexington Ave
Nutley, N J, 88 Park Ave
Phila, Pa, 2053-59 E Glenwood Ave
Pittsburgh, Pa, 600 Rebecca Ave
Rochester, N Y, 215 Central Ave
Rockford, Ill, 123 7 St
St Louis, Mo, 1945 N Broadway
San Francisco, Cal, 952 Howard St
Seattle, Wash, 520 E Pike St
Toledo, Ohio, 2952 Monroe St
Tulsa, Okla, 207 W Archer St
Dodge Mfg Corp, Mishawaka, Ind 5-2161
Chicago 5, Ill, Old Colony Bldg, 37 W Van Buren Harrison 7-2980
Dallas 2, Tex, 402 S Oakland St Riverside 4941
N Y 6, 75 West St Bowling Green 9-6716
Phila 44, Pa, 18 W Chelten Ave Bldg Tennessee 9-3178
San Francisco 5, Cal, 425 Sharon Bldg, 55 New Montgomery St Douglas 2-8434
Dodge & Olcott, Inc, 180 Varick St, N Y 14 Watkins 4-3600
Atlanta, Ga, 735 Spring St, N W Vernon 0241
Baltimore, Md, Baltimore & Light Sts
Boston 16, Mass, Park Square Bldg Hancock 6-2990
Chicago, Ill, 308 W Randolph St State 2-2308
Cincinnati, Ohio, 621 Evans St Grandview 8830
Los Angeles, Cal, 908 S Olive St Madison 6-4703
Minneapolis, Minn, 1111 Nicolette Ave
Phila, Pa, 503 Arch St Lombard 3-8996
St Louis 17, Mo, 979 Clayton Rd Wydown 6767
San Francisco, Cal, 1495 Custer Ave Atwater 8-0572
Dodwell & Co, Ltd, 120 Wall St, N Y 5 Hanover 2-1580
Doe & Ingalls, Inc, 56 Garden St, Everett 49, Mass 7-4610
Stanley Doggett Inc, 75 Varick St, N Y 13 Walker 5-1051
V J Dolan & Co, Inc, 1830 N Laramie Ave, Chicago 39, Ill Berkshire 7-0100
Dominion Products, Inc, 10-40 44 Dr, L I C 1, N Y Stillwell 4-3450
Donald Sales & Mfg Co, 6601 W State St, Milwaukee 13, Wis Spring 4-7180
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill Estebrook 9-1873
Dorr Co Engrs, Inc, Barry Pl, Stamford, Conn 4-1151
Atlanta, Ga, 75 B St N E Elgin 3668
Dallas 2, Tex, 1330 N Industrial Blvd Prospect 7-2339
Denver, Col, P O Box 4037, S Denver Sta Sunset 1-6635
Evanston, Ill, 610 Church St Rogers Park 4-1800
Los Angeles 14, Cal, 811 W 7 St Tucker 3297
N Y 22, 570 Lexington Ave Eldorado 5-4810
Palo Alto, Cal, 156 University Ave Davenport 3-4868
Phila 7, Pa, 12 S 12 St Walnut 2-7414
St Paul 4, Minn, 2631 University Ave Pryor 3370
Seattle 4, Wash, 2705 Smith Tower Mutual 2191
Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y Virginia 9-9465
Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill Davis 8-7722
Dow Chem Co, Midland, Mich 500
Atlanta 3, Ga, 161 Spring St Bldg
Boston 16, Mass, 20 Providence St
Chicago 3, Ill, 135 S LaSalle St
Cleveland 13, Ohio, Terminal Tower
Detroit 2, Mich, 932 Fisher Bldg
Houston 2, Tex, 2217 Commerce Bldg
Los Angeles 17, Cal, 900 Wilshire Blvd
N Y 20, 30 Rockefeller Plaza
Phila 2, Pa, 1400 S Penn Sq
St Louis 8, Mo, 3615 Olive St
San Francisco 4, Cal, 350 Sansome St
Seattle 1, Wash, 1809 7 Ave
Washington 5, D C, Shoreham Bldg
Dow Corning Corp, Midland, Mich 3100
Atlanta, Ga, 1343 Spring St N W Atwood 9011
Chicago, Ill, 228 N LaSalle St Franklin 2-4945
Cleveland 13, Ohio, 2215 Terminal Tower Tower 1-3282
Dallas 1, Tex, 2722 Taylor St Prospect 7-2336
Los Angeles, Cal, 1514 S Hope St Richmond 7-0338
N Y 20, 600 5 Ave Judson 6-7200
Silver Springs, Md, 8561 Fenton St (Washington D C) Juniper 8-8302
Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla 4-7134
Anniston, Ala
Ardmore, Pa
Baltimore, Md
Beaumont, Tex
Borger, Tex
Boston 16, Mass
Buffalo 2, N Y
Charleston, W Va
Chicago 4, Ill
Cleveland 13, Ohio
Dearborn, Mich
Fort Worth 2, Tex
Hamilton, Ohio
Hattiesburg, Miss
Hobbs, N M
Houston 2, Tex
Indianapolis, Ind
Jacksonville 2, Fla
Kansas City 8, Mo
Lafayette, La
Louisville, Ky
Midland, Tex
Mt Pleasant, Mich
New Orleans 12, La
N Y 20

Oklahoma City 2, Okla
Pittsburgh 19, Pa
Richmond 19, Va
St Louis 8, Mo
Salem, Ill
Shreveport 69, La
Upper Montclair, N J
Wichita 2, Kan
Wichita Falls, Tex
Wilmington 99, Del

Downingtown Iron Works Inc, Div, Pressed Steel Tank Car Co, Downingtown, Pa 225
N Y, 30 Church St Courtlandt 7-3208

J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio Cherry 1-3939

Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio Vulcan 3-7000
N Y 17, 415 Lexington Ave Murray Hill 2-4336

Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa Express 1-2600

Dravo Corp, Machinery Div
Atlanta, Ga, 305 Techwood Drive, Northwest CY 1656
Boston 9, Mass, 79 Milk St HA 6-1630
Chicago 4, Ill, 208 S LaSalle St DE 2-7436
Cincinnati 9, Ohio, 4115 Edwards Rd RE 8446
Cleveland 3, Ohio, 4810 Prospect Ave HE 1-7500
Detroit 2, Mich, Room 7-S, Boulevard Bldg TR 35210
Indianapolis 8, Ind, P O Box 5061, 54 W 30 St RE 1926
N Y 7, N Y, 30 Church St DI 9-1053
Philadelphia 3, Pa, Suburban Station Bldg RI 6-8-86
St Louis 17, Mo, 1110 S Brentwood Blvd DE 5221
Washington 6, D C, Room 813, duPont Circle Bldg, 1346 Connecticut Ave HO 4340

Dresser Mfg Div, 41 Fisher Ave, Bradford, Pa 3131

Dresser-Stacey Co, Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio Avon 6574

E F Drew & Co, Inc, 416 Division St, Boonton, N J BO 8-2900
Boston, Mass, 80 Federal St Hubbard 2-1841
Chicago, Ill, 360 N Michigan Ave Financial 6-2865
N Y 10, 15 E 26 St Murray Hill 6-2800
Phila, Pa, 11 N Juniper St Locust 7-5448

P R Dreyer, Inc, 119 W 19 St, N Y Watkins 9-1570

Driver-Harris Co, 201 Middlesex St, Harrison, N J 6-4800
Chicago 7, Ill, 1140 W Washington Blvd
Cleveland 3, Ohio, 7016 Euclid Ave
Detroit 2, Mich, 638 New Center Bldg, 2 Ave

Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio Garfield 5100
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E I du Pont de Nemours & Co, Inc, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del 4-5121
Baltimore 2, Md, 321 Fallsway Plaza 2862
Boston 10, Mass, 140 Federal St Hancock 6-1714
Charlotte 2, N C, 427 W 4 St 5-5561
Chicago 3, Ill, 7 S Dearborn St Andover 3-7000
Cincinnati 2, Ohio, 2412 Carew Tower Parkway 5253
Cleveland 14, Ohio, 1226 National City Bank Bldg Cherry 1-6078
Detroit 26, Mich, 966 Penobscot Bldg Woodward 2-7360
Los Angeles, Cal, P O Box 70 (El Monte, Cal) Cumberland 3-2761
N Y 1, 350 5 Ave Longacre 3-6440
Phila 3, Pa, 1616 Walnut St Kingsley 5-1900
Pittsburgh 22, Pa, 517 Park Bldg Grant 1-2961
San Francisco 4, Cal, 111 Sutter St Exbrook 2-6230

E I du Pont de Nemours & Co, Inc, Explosives Dept, Wilmington 98, Del 4-5121

E I du Pont de Nemours & Co, Inc, Explosives Dept, Chem & Misc Sales Section, Wilmington 98, Del 4-5121
Boston, Mass, 140 Federal St Hancock 6-1711
Charlotte 1, N C, 427 W 4 St 5-5561
Chicago, Ill, 332 S Michigan Ave Andover 3-7000
Cleveland 14, Ohio, 1321 National City Bank Bldg Main 1-6460
Dallas, Tex, 1621 Main St, 602 Wilson Bldg Prospect 0896
Detroit, Mich, 966 Penobscot Bldg Woodward 2-7360
Los Angeles, Cal, 4710 Crenshaw Blvd Axminster 3-8720
N Y, 350 5 Ave, 1000 Empire State Bldg Longacre 3-6400

E I Du Pont de Nemours & Co, Inc, Finishes Dept, Wilmington 98, Del 4-5121
Atlanta 3, Ga, 619 Peachtree St N E Vernon 5821
Boston 42, Mass, 35 Cambridge Pkwy University 4-1442
Chicago 14, Ill, 2100 Elston Ave Brunswick 8-6900
Cleveland 14, Ohio, 3133 Chester Ave Main 1-8516
Dallas 1, Tex, 2607 Live Oak St Victor 4-2517
Kansas City 2, Mo, 4008-4010 Washington St Jefferson 8440
Phila 3, Pa, 1616 Walnut St Kingsley 5-2200
San Francisco 6, Cal, 612 Howard St Exbrook 2-6230

E I du Pont de Nemours & Co, Inc, Film Dept, Wilmington 98, Del 4-5121

E I du Pont de Nemours & Co, Inc, Grasselli Chem Dept, Wilmington 98, Del 4-5121
Albany 5, N Y, Railroad Ave 89-2575
Atlanta 3, Ga, 1115 Candler Bldg, 129 Peachtree St Lamar 2631
Birmingham 3, Ala, 804 Protective Life Bldg 53-1636
Boston 10, Mass, 140 Federal St Hancock 6-1711
Charlotte 1, N C, P O Box #359, 427 W 4 St 5-5561
Chicago 8, Ill, 4251 S Crawford Ave Cliffside 4-7676
Cincinnati 2, Ohio, 603 Terrace Plaza Bldg Cherry 4570
Cleveland 14 Ohio, 1321 National City Bank Bldg, 629 Euclid Ave Main 1-6460
Detroit 7, Mich, 1530 E Hancock Ave Temple 1-2260
Houston 2, Tex, 1100 E Holcombe Blvd Lynchberg 4227
Lyndonville, N Y, 152 Housel Ave 6471
Milwaukee 3, Wis, 161 W Wisconsin Ave Marquette 8-8380
Minneapolis 2, Minn, 1207 Foshay Tower Lincoln 4713
New Haven 10, Conn, P O Box 154, Sta A, 46 River St 5-5145
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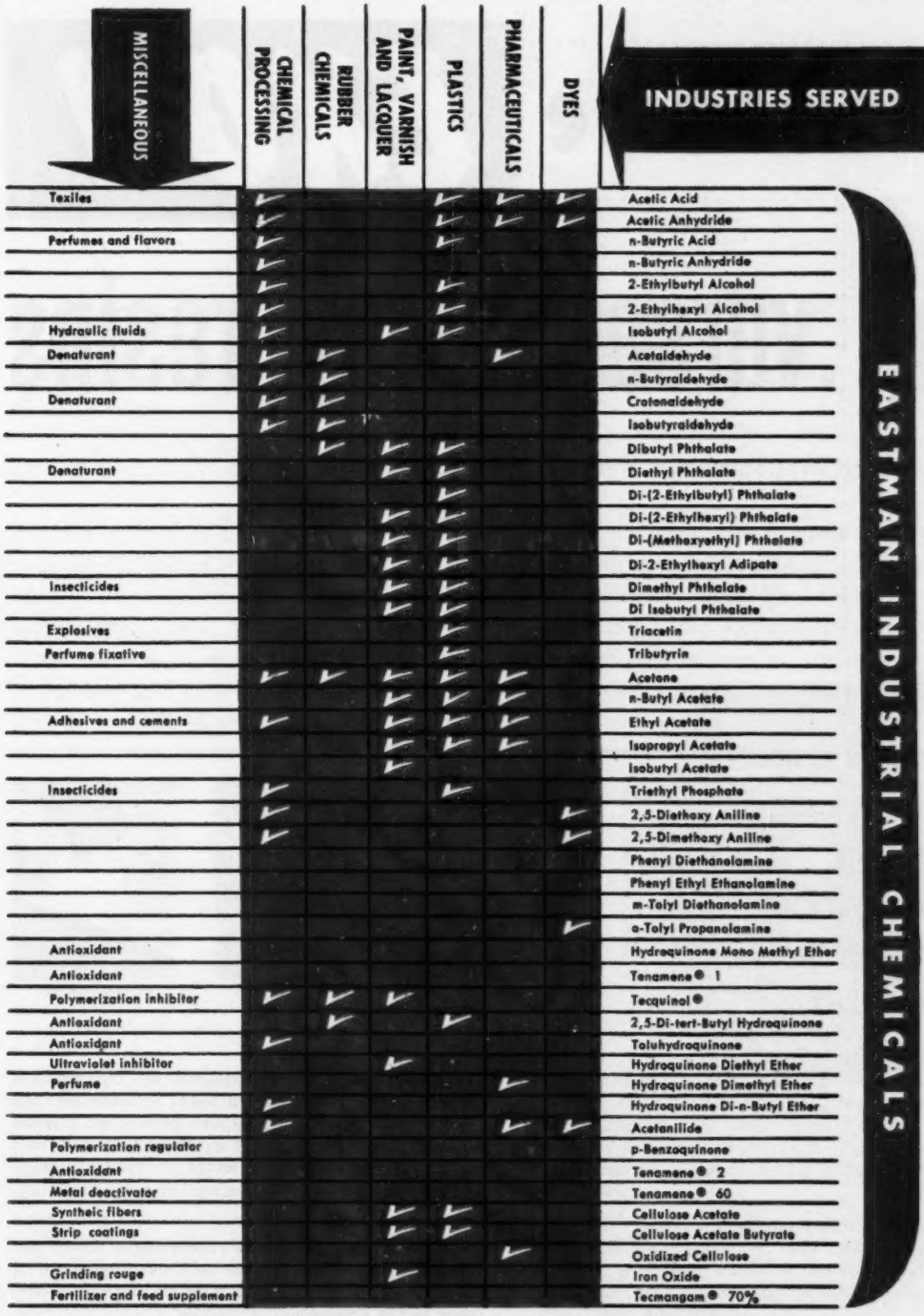
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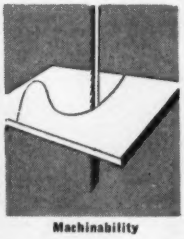
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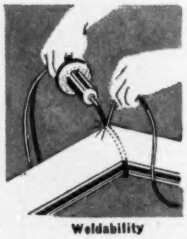
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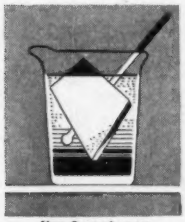
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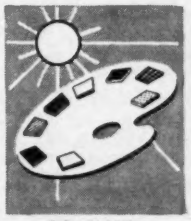
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Cincinnati, Ohio, 1603 Carew Tower Cherry 1678
Cleveland, Ohio, 1422 Euclid Ave, Hanna Bldg Prospect 1-2175
Denver 2, Col, 2130 Market St Main 0223
Detroit 11, Mich, 11630 Russell St Townsend 8-9000
El Paso, Tex, 1213-14 Mills Bldg (Asarco Mercantile Co) Main 3-1852
Houston, Tex, 9000 Market St Rd Orchard 8327
Los Angels 23, Cal, 4010 E 26 St Angelus 4291
Milwaukee, Wis, 756 N Milwaukee St Marquette 8-3299
Minneapolis, Minn, 1600 W Lake St Colfax 7877
N Y 5, 120 Broadway (Executive Office) Rector 2-9740
Newark 5, N J, 150 St Charles St Mitchell 3-0502
Phila 7, Pa, 1134 Lincoln Liberty Bldg, Broad & Chestnut Sts Locust 7-5129
Pittsburgh 24, Pa, 615 Gross St Schenley 1-2410
Portland 9, Ore, 1519 N W Irving St Broadway 1404
Rochester 4, N Y, 16 State St Locust 5250
St Louis 10, Mo, 4041 Park Ave Grand 8220
Salt Lake City 1, Utah, 700 Pacific National Life Bldg 4-3601
San Francisco 24, Cal, 1901 Army St Atwater 2-3340
Seattle 4, Wash, 101 Dakota St Elliott 7160
Washington 6, D C, Stoneleigh Court, 1025 Connecticut Ave N W Executive 6791
Whiting, Ind, 2230 Indianapolis Blvd 826

Feed Service Corp, Berks Siding, Crete, Neb 765

Feedwaters Inc, 140 Cedar St, N Y 6 Rector 2-0494
Boston 10, Mass, 10 High St Liberty 2-0521
Chicago 4, Ill, 327 S LaSalle St Harrison 7-0229
Oklahoma City 2, Okla, 601 Leonhardt Bldg Oklahoma 3-4951
San Francisco, Cal, 1095 Market St, Grant Bldg Market 7867

Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa GI 5-2140

Fenwal Inc, Pleasant St, Ashland, Mass Framingham 6177
Los Angeles 4, Cal, 111 S Burlington Ave

L W Ferdinand & Co, Inc, 18 Mica Lane, Newton Lower Falls, Mass Wellesley 5-2910

Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa Howard 5-5020
Allentown, Pa, 3 & Union Sts 4-7780

Ferro Chem Corp, Box 349, Bedford, Ohio 2-4330

Fiber Chem Corp, P O Box 218, Mattawan, N J 1-1818

Fibre Drum Co, 20 N Wacker Dr, Chicago 6, Ill Dearborn 2-4148
Kankakee, Ill, 850 Stoddard Pl 3-3222

Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J BI 2-4110

Fiebing Chem Co, 516 S 2 St, Milwaukee 4, Wis Marquette 8-5012

Filo Color & Chem Corp, 202 E 44 St, N Y 17 Murray Hill 2-4883

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill Calumet 5-8900

Filtration Engrs Inc, 155 Oraton St, Newark 4, N J Humboldt 5-4444

Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal Trinity 0241

Fine Organics Inc, 211 E 19 St, N Y 3 Gramercy 5-1030

FIRESTONE PLASTICS CO, Chem Sales Div, P O Box 690, Pottstown, Pa 3131
See Catalog Pg. 42-43
Chicago, Ill, 26 E 16 St
Cleveland 15, Ohio, 1621 Euclid Ave
Hartford, Conn, Main at Ely St
N Y 1, 350 5 Ave
Los Angeles, Cal, 2525 Firestone Blvd

Dave Fischbein Co, 38 Glenwood Ave, Minneapolis 3, Minn At 0593

Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa 1100
Albany, N Y, 38 Parkwood Dr 8-1102
Atlanta, Ga, 84 Peachtree St N W Cypress 4056
Baltimore, Md, 501 Mathieson Bldg Lexington 8602
Boston, Mass, 224 Hillcrest Rd (Needham, Mass) Needham 3-2689
Buffalo, N Y, McKinley Bldg, 259 Delaware Ave Mohawk 7720
Chicago, Ill, 7805 S Western Ave Walbrook 5-9650
Cincinnati, Ohio, 7708 Greenland Pl Valley 1076
Cleveland, Ohio, 314 Union Bldg, 1836 Euclid Ave Main 1-9206
Dallas, Tex, 6626 Maple Ave Elmhurst 6959
Detroit, Mich, 207 Lux Bldg, 22800 Woodward Ave Lincoln 5-3552
Houston, Tex, 4601 Montrose Blvd Linden 5168
Kansas City, Mo, 18 W 43 St Jefferson 6930
Kingsport, Tenn, P O Box 627 3764
Los Angeles, Cal, 7514 S Figueroa St Pleasant 3-2294
Memphis, Tenn, 1509 Madison Ave 2-6877
Midland, Mich, 1103 Maple Ave
Milwaukee, Wis, 4738 W Lisbon Ave Hilltop 4-4802
New Orleans, La, 4020 Thalia St Canal 7830
Nutley 10, N J, 139 Chestnut St 2-7710
Oakland, Cal, 3124 E 14 St, 314 Professional Bldg Andover 1-8704
Phila, Pa, 29 Bala Ave (Bala, Pa) Welsh Valley 4-9722
Pittsburgh, Pa, 105 Richmond Circle Perrysville 4-9032
Portland, Ore, 417 N E Couch St East 1949
St Louis, Mo, 316 Roosevelt Hotel Bldg, 4903 Delmar Blvd Rosedale 1306
Salt Lake City, Utah, 120 Apricot Ave, P O Box 1795 5-4191
Seattle, Wash, 422 Smith Tower Main 5253
Tulsa, Okla, 215½ E 6 St 3-4702
Washington, D C, 100 Barr Bldg Executive 8077
Wilmington, Del, M217 Delaware Trust Bldg Wilmington 2-3021
Oscar Fisher Co, Inc, 1000 N Division St, Peekskill, N Y 7-4511
Fisher Chem Co, Inc, 220 E 42 St, N Y 17 Murray Hill 2-2587
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa 5561
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa Express 1-1330
N Y 14, 635 Greenwich Watkins 4-7200
St Louis 18, Mo, 2850 S Jefferson St Mohawk 2624
Silver Spring, Md, 7722 Woodbury Dr Juniper 7-7000
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill Chesapeake 3-2800
N Y 36, 147 W 42 St Bryant 9-7392
Stanley G Flagg & Co, Inc, 1421 Chestnut St, Phila 2, Pa Locust 7-0356
N Y 18, 11 W 42 St Longacre 4-1652
Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal Market 1-7825
Flash Chem Co, 160 2 St, Cambridge, Mass Trowbridge 6-0510
Fleischman, Burd & Co, Inc, 22 W 48 St, N Y 36 Plaza 7-3460
Flexible Steel Lacing Co, 4607 Lexington St, Chicago 44, Ill Mansfield 6-1028
Flexoid Products Inc, 170 Summer St, Boston 10, Mass
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill Fillmore 3-8000
Boston 10, Mass, 10 High St Hancock 6-0952
Cincinnati 37, Ohio, 1717 Section Rd Redwood 8280
Ferndale, Mich, 22305 Woodward Ave Jordan 4-6458
Fort Worth 2, Tex, 502 Insurance Bldg Fortune 2901
Hollywood 28, Cal, 6331 Hollywood Blvd Gladstone 0816
N Y 7, 7 Dey St Cortlandt 7-4301
St Louis, Mo, 455 Paul Brown Bldg Chestnut 2574
San Francisco 2, Cal, 637 Powell St Yukon 6-6749
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col Race 0805
Flintkote Co, 30 Rockefeller Plaza, N Y 20 Plaza 7-5500
Atlanta 5, Ga, 800 Peachtree Bldg
Boston 16, Mass, 925 Park Sq Bldg
Chicago Heights, Ill, 17 & Wentworth Ave
Detroit 27, Mich, 14201 Schaefer Hway
Los Angeles 54, Cal, 55 & Alameda St
New Orleans 4, La, Poland & Galuez Sts
Washington 6, D C, Cafridz Bldg
Florasynth Labs Inc, 900 Van Nest Ave, Bronx, N Y Talmadge 8-6000
Chicago 6, Ill, 600 W Monroe St
Cincinnati 2, Ohio, 406 Elm St
Dallas 1, Tex, National City Bldg
Detroit, Mich, 6432 Cass Ave
Los Angeles 21, Cal, 2309 E 8 St
Memphis, Tenn, 462 Union Ave
New Orleans 12, La, 515 S Peters St
St Louis 2, Mo, 406 Market St
San Bernardino, Cal, 655 Sierra Way
San Francisco, Cal, 1 S Park
Flori Pipe Co, 5700 Bulwer Ave, St Louis 15, Mo GO 3800
Chicago 47, Ill, 3915 W Armitage Albany 2-1446
Florida Agricultural Supply Co Div, Wilson & Toomer Fertilizer Co, 1611 Talleyrand Ave, Jacksonville, Fla 3-8411
Cottondale, Fla (Cartledge Fertilizer Co) 19
Tampa, Fla (Peninsular Fertilizer Co) 3-1135
Floridin Co, 220 Liberty St, Warren, Pa 329
Fluid Systems Inc, 1881 Dixwell Ave, New Haven, Conn 2-9411

Fluor Corp Ltd, 2500 S Atlantic Blvd, Los Angeles 22, Cal Angelus 2-6111
Birmingham, Ala, 2625 6 Ave S 3-2166
Boston, Mass, 10 High St Hancock 6-1759
Chicago, Ill, 20 N Wacker Dr Dearborn 2-6754
Houston 2, Tex, 634 Mellie Esperson Bldg Charter 3596
N Y 20, 30 Rockefeller Plaza Circle 6-6196
Tulsa, Okla, 229 Mayo Bldg 4-8344
Food Technology Inc, 5903 Northwest Hway, Chicago 31, Ill Newcastle 1-4545
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill Virginia 7-4200
Boston, Mass, 449 Statler Office Bldg, 16 Providence St Hubbard 0629
Buffalo 2, N Y, 1020 Prudential Bldg Mohawk 5733
Cincinnati 1, Ohio, P O Box 801 Main 0697
Cleveland 13, Ohio, 2111 Terminal Tower Bldg Cherry 1-4829
Detroit 2, Mich, 1111 Webb Ave Townsend 8-3735
Milwaukee 3, Wis, 606 W Wisconsin Ave Broadway 1-7970
N Y 7, 30 Church St Rector 2-3048
St Louis 1, Mo, 1677 Arcade Bldg, 812 Olive St Main 2293
Upper Darby, Pa, Center Bldg, 6816 Market St Flanders 2-3355
Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa Victor 4-9214
Fort Wayne Corrugated Paper Co, 130 E Douglas Ave, Fort Wayne 1, Ind Anthony 4383
Chicago, Ill, 4500 S Kolin Ave Virginia 7-3470
Hartford City, Ind, E Water St 900
McKees Rocks, Pa, 1360 Island Ave Federal 1-1818
N Y, Empire State Bldg Chickering 4-5580
Rochester, N Y, 1240 Mt Read Blvd Glenwood 8342
Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa Greenwood 3-5310
Foster Engrg Co, 835 Lehigh Ave, Union, N J Unionville 2-8800
Foster-Heaton Co, 16 E 5 St, Paterson 4, N J Sherwood 2-9166
Foster Wheeler Corp, 165 Broadway, N Y 6 Worth 4-4400
Atlanta 3, Ga, 452 Spring St NW
Boston 10, Mass, 80 Federal St Hancock 6-0117
Chicago 3, Ill, 105 W Adams St Randolph 6-8673
Cincinnati 2, Ohio, Union Central Bldg Main 1707
Cleveland 14, Ohio, Leader Bldg Main 1-8225
Dallas 1, Tex, 505 N Ervay St Riverside 1437
Detroit 26, Mich, Michigan Bldg Woodward 1-4495
Houston 2, Tex, 711 Main St Preston 3034
Kansas City 5, Mo, 1004 Baltimore Ave, Dwight Bldg Harrison 1575
Los Angeles 15, Cal, 714 W Olympic Blvd Prospect 7839
Phila 2, Pa, Packard Bldg Rittenhouse 6-2888
Pittsburgh 22, Pa, Oliver Bldg Atlantic 1-4887
Rochester 4, N Y, 10 Gibbs St Baker 8689
San Francisco 4, Cal, 206 Sansome St Garfield 1-6042
Washington 5, D C, Tower Bldg District 2022
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio 7721
Chicago, Ill, 539 W North Ave Mohawk 4-5590
Detroit, Mich, 47 E Canfield Temple 3-5612
Foundry Services Inc, 280 Madison Ave, N Y 16 Murray Hill 6-6657
Foxboro Co, 38 Neponset Ave Foxboro, Mass Capitol 7-1260
Appleton, Wis
Atlanta, Ga
Baltimore, Md
Baton Rouge, La
Birmingham, Ala
Boston (Foxboro), Mass
Charleston, W Va
Charlotte, N C
Chicago (Skokie), Ill
Cincinnati, Ohio
Cleveland, Ohio
Corpus Christi, Tex
Dallas, Tex
Decatur, Ala
Denver, Col
Detroit, Mich
Greenville, S C
Hartford, Conn
Houston, Tex
Indianapolis, Ind
Jacksonville, Fla
Kansas City, Mo
Knoxville, Tenn
Los Angeles, Cal
Milwaukee, Wis
Minneapolis, Minn
N Y
Odessa, Tex
Phila, Pa
Pittsburgh, Pa
Portland, Ore
Rochester, N Y
St Louis, Mo
Salt Lake City, Utah
San Francisco, Cal
Seattle, Wash
Shreveport, La
Tulsa, Okla
Wilmington, Del
Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn 4-8601
Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio Main 6527
Frazier & Son, 338 Cortlandt St, Belleville, N J 2-5435

Freeport Sulphur Co, 122 E 42 St, N Y 17 Lexington 2-1450
Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal 3-6245
Alex Fries & Bro, Inc, 1403 Central Pkwy, Cincinnati 14, Ohio Main 1163
Fries & Fries, Inc, 110 E 70 St, Cincinnati 16, Ohio Valley 7200
Rockville Center, N Y, 142 S Long Beach Rd 4-2110
Fritzsche Bros, Inc, 76 9 Ave, N Y 11 Watkins 9-4100
Atlanta 3, Ga, 1004 William-Oliver Bldg Alpine 2736
Boston 9, Mass, 515 Statler Bldg Hancock 6-6660
Chicago 10, Ill, 118 W Ohio St Superior 7-1848
Cincinnati 2, Ohio, 2306 Carew Tower Main 5143
Cleveland 13, Ohio, 1104 Standard Bldg Main 1-3196
Los Angeles 14, Cal, 816 W 8 St Trinity 8359
Phila 7, Pa, 12 S 12 St Walnut 2-4131
St Louis 2, Mo, 308 S 4 St Garfield 2332
San Francisco 5, Cal, 395 Monadnock Bldg Garfield 1-0838
Frontier Chem Co, 321 W Douglas, Wichita, Kan 7-5215
Brownfield, Texas, P O Box 409 773R1
Denver, Col, 5200 Race St 88
Midland, Tex, Midland Tower 4-8286
Fuld Bros, Inc, 702-710 S Wolfe St, Baltimore 31, Md Broadway 7400
Los Angeles 13, Cal, 1256 Factory Pl Madison 9-2270
Fuller Co, Catasauqua, Pa Co 4-2841
Birmingham, Ala, 2000 1 Ave
Chicago 3, Ill, 120 S LaSalle St
Los Angeles, Cal, 5225 Wilshire Blvd
San Francisco, Cal, 564 Market St
Seattle 9, Wash, 120 6 Ave N
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga Main 1111
Chicago, Ill, 222 W Adams St
Dallas, Tex
Denver, Col
Kansas City, Kan
Los Angeles, Cal
Minneapolis, Minn
New Orleans, La
N Y, 347 Madison Ave
St Louis, Mo
Fulton Syphon Div, Robertshaw-Fulton Controls Co, 2400 Cumberland Ave, Knoxville 4, Tenn 4-1641
Boston 42, Mass, Kendall Sq Bldg Trowbridge 6-5577
Cleveland Heights 18, Ohio, 3091 Mayfield Rd Yellowstone 2-6242
Detroit 8, Mich, 2680 W Grand Blvd Trinity 3-7835
Lynwood, Cal, 3000 Imperial Hway Nevada 6-1171
Pittsburgh 13, Pa, 377 McKee Pl Museum 1-8449
Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio Superior 1-8385

G

Gaetjens, Berger & Wirth, Inc, 35 York St, Bklyn 1, N Y Ulster 4-8365
Chicago 7, Ill, 215 S Aberdeen Monroe 6-4246
Robert Gair Co, Inc, 155 E 44 St, N Y 17 Murray Hill 2-1300
Jersey City, N J, 921 Bergen Ave
Galigher Co, 545 W 8 South, Salt Lake City, Utah 9-8731
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y Stillwell 4-3483
Gallowhur Chem Corp, 801 2 Ave, N Y 17 Lexington 2-3720
Gane's Chem Works, Inc, 677 5 Ave, N Y 22 Murray Hill 8-2410
Gane & Ingram, Inc, 43 W 16 St, N Y 11 Watkins 4-9404
Gardner Board & Carton Co, Box 391, 407 Charles St, Middletown, Ohio 2-2772
Chicago 11, Ill, 926 Palmolive Bldg Superior 7-7340
Cleveland, Ohio, 220 Hanna Bldg, E 14 & Euclid Ave Cherry 1-5851
N Y 18, 500 5 Ave Chickering 4-4477
Phila 3, Pa, 1700 Walnut St Pennypacker 5-3950
Pittsburgh 22, Pa, 302 Bessemer Bldg Grant 1-4675
St Louis 1, Mo, 1221 Arcade Bldg, 8, Olive & Pine Garfield 3347
Gardner Denver Co, Quincy, Ill Main 5400
Garlock Packing Co, Palmyra, N Y 480
Baltimore 2, Md, 408 Water St
Birmingham 1, Ala, 519 S 19 St
Boston 10, Mass, 80 Broad St
Buffalo 2, N Y, 38 Pearl St
Chicago 6, Ill, 600 W Jackson Blvd
Cincinnati 16, Ohio, 8329 Vine St
Cleveland 13, Ohio, 1276 W 3 St
Denver 2, Col, 1863 Wazee St
Detroit 1, Mich, 4478 Cass Ave
Houston 3, Tex, 2105 McKinney Ave
Los Angeles 21, Cal, 2303 E 8 St
New Orleans 16, La, 107 Decatur St
N Y 6, 114 Liberty St
Phila 2, Pa, 20 S 15 St
Pittsburgh 22, Pa, 800 Penn Ave
Portland 4, Ore, 418 S W 1 Ave
St Louis 8, Mo, 3635 Forest Park Blvd
Salt Lake City 1, Utah, 322-323 Dooly Bldg
San Francisco 7, Cal, 750 18 St
Seattle 4, Wash, 516 1 Ave S
Spokane 8, Wash, W 610 2 Ave
Tulsa 3, Okla, 427 E 4 St

H Gartenberg & Co, Inc, 412 W Pershing Rd, Chicago 9, Ill Boulevard 8-6400

Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio Kenmore 1-1130

Gatke Corp, 228 N LaSalle St, Chicago 1, Ill

Gaynor Glass Works, Salem, N J

Geigy Co, Inc, 89-91 Barclay St, N Y 8 Barclay 7-3270
Boston, Mass, 88 Broad St
Charlotte, N C, 528 W 11 St
Chicago, Ill, 629 W Washington Blvd
Los Angeles, Cal, 3529 E Olympic Blvd
Phila, Pa, 3901 M St
Portland, Ore, 1416 N W Hoyt St
Providence, R I, 15 Westminster St

Gelvatex Coatings Corp, 93 N Arroyo Pkwy, Pasadena, Cal Ryan 1-7451

General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill Financial 6-4100
Buffalo, N Y, Central Terminal Bldg
Cleveland, Ohio, Terminal Tower
Dallas, Tex, Continental Bldg
Detroit, Mich, 2842 W Grand Blvd
Houston, Tex, 121 Walker Ave
Los Angeles, Cal, 900 Wilshire Blvd
Louisville, Ky, 139 S 4 St
New Orleans, La, Canal Bldg
N Y, 10 E 49 St
Pittsburgh, Pa, Koppers Bldg
St Louis, Mo, 915 Olive St
San Francisco, Cal, Russ Bldg
Seattle, Wash, Joseph Vance Bldg
Tulsa, Okla, 1 National Bank of Tulsa Bldg
Washington, D C, 1625 K St N W

General Aniline Works Div, Commercial Development Dept, General Aniline & Film Corp, 435 Hudson St, N Y 14 Watkins 4-0600

General Ceramics & Steatite Corp, Keasbey, N J Perth Amboy 4-5100

General Chem Div, Allied Chem & Dye Corp, 40 Rector St, N Y 6 Whitehall 4-2220
Albany 5, N Y, Railroad Ave 2-4469
Atlanta 3, Ga, 234 Hurt Bldg Main 1278
Birmingham 1, Ala, P O Box 989 4-3601
Buffalo 2, N Y, 1 W Genessee St Madison 4178
Charlotte 1, N C, 818 Tuckaseegee Rd 3-0175
Chicago 32, Ill, 3357 W 47 Pl Virginia 7-3040
Cleveland 14, Ohio, 850 Euclid Ave Cherry 1-0574
Denver 9, Col, 1271 W Bayaud Ave Pearl 2666
Detroit (River Rouge 18), Mich, 800 Hawks Ave Vinewood 2-1500
Greenville, Miss, 815 Main St 2-1501
Houston 3, Tex, 2202 Dallas Ave Charter 6726
Jacksonville 3, Fla, Picketts Rd, P O Box 2057 4-0679
Kalamazoo 13, Mich, 511 E Patterson St 2-1628
Los Angeles 15, Cal, 1151 S Broadway Richmond 7-7251
Milwaukee 3, Wis, 205 S 16 St (General Chem Co) Mitchell 5-3516
Minneapolis 13, Minn, 2020 Broadway St N E Sterling 9581
N Y 4, 25 Broad St Digby 4-4310
N Y 6, 40 Rector St (Executive Offices) Whitehall 4-2220
Phila 7, Pa, 12 S 12 St Walnut 2-1234
Pittsburgh 19, Pa, 439 7 Ave Atlantic 1-3270
Providence 1, R I, 58 Weybosset St Dexter 1-7784
St Louis 1, Mo, 818 Olive St Chestnut 3870
San Francisco 4, Cal, 235 Montgomery St Douglas 2-0904
Seattle 1, Wash, 1326 5 Ave Elliot 5287
Yakima, Wash, P O Box 1468 4712

General Color Co, 263 Wright St, Newark 5, N J BI 8-2575

General Controls, Co, 801 Allen Ave, Glendale 1, Cal Rockwell 9-2181
Baltimore 5, Md, 2405 E Monument St Orleans 7800
Birmingham 3, Ala, 211 S 18 St 4-4547
Buffalo 3, N Y, Rm 841, Ellicott Sq Bldg Mohawk 8150
Cleveland 15, Ohio, 3224 Euclid Ave Express 1-0555
Columbus 15, Ohio, 81 E State St Adams 5683
Dallas 2, Tex, 1705 S Lamar St Riverside 3494
Denver 4, Col, 1162 Elati St Cherry 6776
Detroit 21, Mich, 4871 Wyoming Ave Webster 3-7432
Hartford 2, Conn, 410 Asylum St 6-0300
Houston 6, Tex, 2001 Harold St Keystone 5671
Indianapolis 4, Ind, 1035 N Pennsylvania St Plaza 7046
Kansas City 2, Mo, 207 Westport Rd Jefferson 2400
Milwaukee 3, Wis, 2400 W Clybourn St Division 4-2023
Minneapolis 2, Minn, 12 S 6 St Atlantic 5753
New Orleans 16, La, 426 Audubon Bldg Tulane 8247
N Y 17, 101 Park Ave Murray Hill 5-5757
Newark 6, N J, 721 So Orange Ave, Essex 2-8746
Omaha 2, Neb, 610 Keeline Bldg Atlantic 3416
Phila 4, Pa, 4028 W Girard Ave Evergreen 6-4445
Phoenix 2, Ariz, 919 N 1 St Alpine 3-1368
Pittsburgh 22, Pa, 4 Smithfield St Court 1-3858
St Louis 3, Mo, 2944 Washington Blvd Lucas 9357
San Francisco 7, Cal, 429 Bryant St Sutter 1-7580
Seattle 9, Wash, 767 Broad St Elliott 3548
Skokie (Chicago), Ill, 8080 McCormick Blvd Irving 8-9057
Tulsa 6, Okla, 1427 E 6 St 3-0054
Washington 6, D C

General Detroit Corp, 2272 E Jefferson, Detroit 7, Mich Lorain 7-9200
Chicago, Ill, 538 N Western Ave Monroe 6-1543
Dallas, Tex, 2120 Jackson Ave Riverside 1177
Los Angeles, Cal, 1501 E Washington Blvd (General Pacific Corp) Richmond 5315
N Y, 22 Worth St Worth 4-5097

General Dyestuff Corp, Antara Chem Div, 435 Hudson St, N Y Watkins 4-0600
Boston 5, Mass, 255 Atlantic Ave, P O Box 1951 Hancock 6-4550
Charlotte 1, N C, 2459 Wilkinson Blvd, P O Box 1009 3-4121
Chicago 7, Ill, 310 W Polk St Harrison 7-3771
N Y 14, 435 Hudson St, P O Box 16, Village Sta Watkins 4-0600
Phila 6, Pa, 123 S 2 St Market 7-0361
Portland 5, Ore, 1007 Terminal Sales Bldg Beacon 7364
Providence 3, R I, 85 Tockwotton St Gaspee 1-1585
Providence 1, R I, Box 1472
San Francisco 5, Cal, 37 Clementina St Exbrook 2-0300

General Elec, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Akron 8, Ohio, 335 S Main St
Albany 7, N Y, 90 State St
Albuquerque, N Mex, 323 3 St S W
Alexandria, La, 720 Murray St
Allentown, Pa, 1014 Hamilton St
Amarillo, Tex, 719 Amarillo Bldg
Appleton, Wis, 531 W College Ave
Atlanta 3, Ga, Peachtree Rd & 28 St N W
Augusta, Ga, Masonic Bldg
Augusta, Me, 15 Grove St
Bakersfield, Cal, 211 E 18 St
Baltimore 1, Md, 111 Park Ave
Bangor, Me, 77 Central St
Battle Creek, Mich, 25 W Michigan Ave
Beaumont, Tex, 1385 Calder Ave
Binghamton, N Y, 19 Chenango St
Birmingham 3, Ala, 1804 7 Ave N
Bismarck, N Dak, 117½ S St
Bluefield, W Va, P O Box 447, Appalachian Bldg
Boston 1, Mass, 140 Federal St
Buffalo 3, N Y, 535 Washington St
Butte, Mont, P O Box 836, 103 N Wyoming St
Canton 2, Ohio, 700 Tuscarawas St W
Cedar Rapids, Iowa, 210 2 St SE
Charleston 28, W Va, 306 MacCorkle Ave SE
Charlotte 1, N C, 200 S Tryon St
Charlottesville, Va, 123 E Main St
Chattanooga 2, Tenn, 832 Georgia Ave
Chicago 80, Ill, P O Box 5970A, 840 Canal St
Cincinnati 2, Ohio, 215 W Third St
Cleveland 4, Ohio, 4966 Woodland Ave
Columbia 1, S C, P O Box 1434, 1420 Lady St
Columbus 15, Ohio, 40 S 3 St
Corpus Christi, Tex, 205 N Chaparral St
Dallas 2, Tex, 1801 N Lamar St
Davenport, Iowa, 511 Pershing Ave
Dayton 2, Ohio, 118 W 1 St
Denver 2, Colo, 650 17 St
Des Moines 9, Iowa, 505 W 5 Ave
Detroit 2, Mich, 700 Antoinette St
Duluth 2, Minn, 14 W Superior St
Elmira, N Y, Main & Woodlawn Aves
El Paso, Tex, 109 N Oregon St
Erie 2, Pa, 1001 State St
Eugene, Ore, 29 W 11 St
Evansville 19, Ind, 123 N W 4 St
Fairmount, W Va, 310 Jacobs Bldg, P O Box 1626
Fergus Falls, Minn, 108 N Court Ave, P O Box 197
Flint, Mich, 653 S Saginaw St
Fort Wayne 2, Ind, 127 W Berry St
Fort Worth 2, Tex, 408 W 7 St
Fresno 1, Cal, 407 Patterson Bldg
Grand Rapids 2, Mich, 148 Monroe Ave N W
Greensboro, N C, 301 S Elm St
Greenville, S C, 108 W Washington St
Hagerstown, Md, Professional Arts Bldg
Harrisburg, Pa, 300 N 2 St
Hartford 3, Conn, 410 Asylum St
Houston 1, Tex, 1312 Live Oak St
Huntsville, Ala, Times Bldg
Indianapolis 4, Ind, 110 N Illinois St
Jackson, Mich, 120 W Michigan Ave
Jackson 1, Miss, 203 W Capitol St
Jacksonville 2, Fla, 700 E Union St
Jamestown, N Y, P O Box 548, 2 2 St
Johnson City, Tenn, 321-323 W Walnut St
Johnstown, Pa, 841 Oak St
Joplin, Mo, 220½ W 4 St
Kansas City 6, Mo, 106 W 14 St
Knoxville 8, Tenn, 602 S Gay St
Lansing 8, Mich, 106 W Allegan St
Lincoln 8, Neb, 1001 O St
Little Rock, Ark, 103 W Capitol Ave
Los Angeles 54, Cal, 212 N Vignes St
Louisville 2, Ky, 455 S 4 St
Macon, Ga, 682 Cherry St
Madison 3, Wis, 16 N Carroll St
Manchester, N H, 875 Elm St
Medford, Ore, P O Box 1348, 205 W Main St
Memphis 3, Tenn, 8 N 3 St
Miami 32, Fla, 25 S E 2 Ave
Milwaukee 3, Wis, 940 W St Paul Ave
Minneapolis 3, Minn, 12 S 6 St
Mobile 13, Ala, 54 St Joseph St
Montgomery 4, Ala, 205 Montgomery St
Nashville 3, Tenn, 234 3 Ave N
New Haven 6, Conn, 129 Church St
New Orleans 12, La, 837 Gravier St
N Y 22, 570 Lexington Ave
Newark 2, N J, 744 Broad St
Niagara Falls, N Y, 253 2 St
Norfolk 10, Va, 229 W Bute St
Oakland 12, Cal, 409 13 St
Oklahoma City 2, Okla, 119 N Robinson St
Omaha 2, Neb, 409 S 17 St
Paducah, Ky, P O Box 1001, 231 S 4 St
Pasco, Wash, 421 W Clark St
Peoria 2, Ill, 309 Jefferson Bldg
Phila 2, Pa, 1405 Locust St
Phoenix, Ariz, P O Box 4037, 303 Luhrs Tower
Pittsburgh 22, Pa, 535 Smithfield St
Portland 3, Me, 477 Congress St
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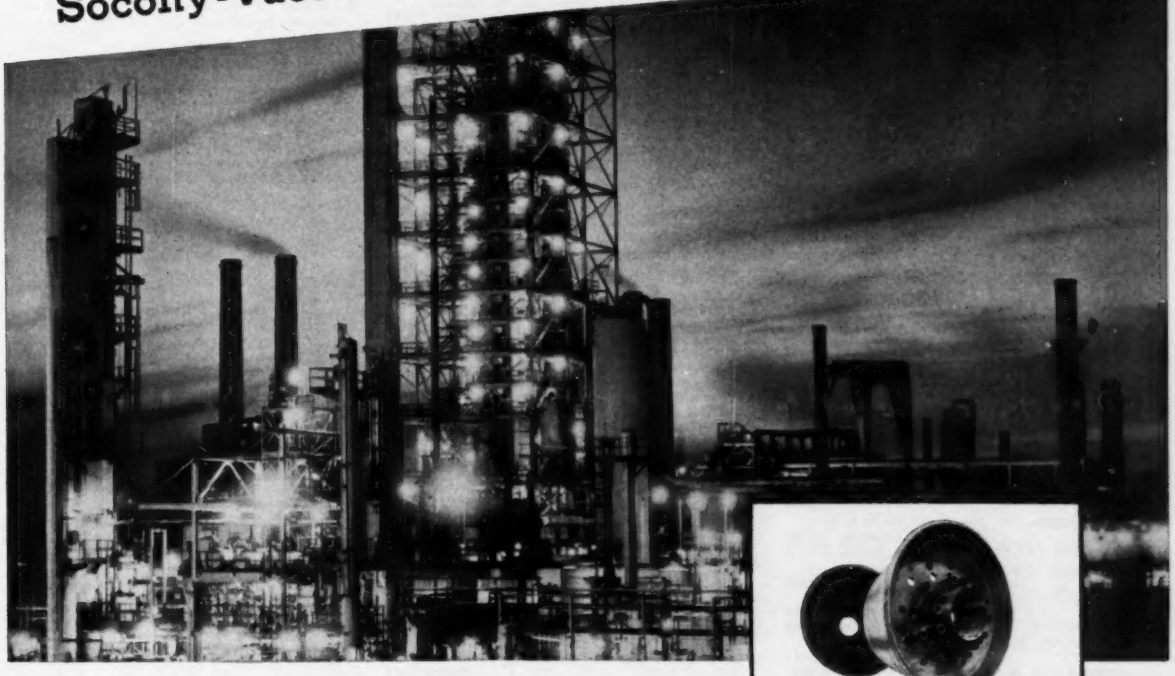
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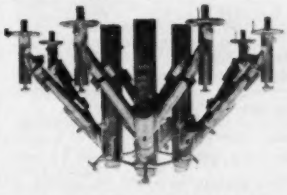
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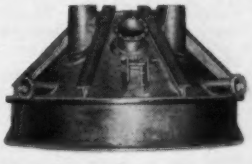
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St Louis 3, Mo, 403 Continental Bldg Lucas 7150
San Francisco, Cal, 420 Market St Yukon 6-6793

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Pittsburgh, Pa, 365 Orchard Dr, Mt Lebanon Locust 1-0255

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Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa Atlantic 1-5946

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Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill Randolph 6-0232
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Oakland, Cal, 3918 Foothill Blvd Kellog 4-2940

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Moline, Ill, 1819 5 Ave 2-3811
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Detroit 19, Mich, 19363 James Couzens Hway Vermont 8-8480
Los Angeles 63, Cal, 3625 Medford St Angeles 1-0355
Providence, R I, 425 Richmond St Jackson 1-4100

Hanley Co, 101 Park Ave, N Y 17 Murray Hill 9-4134

Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill Brunswick 8-2710

Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill Nevada 8-0406
Cincinnati 8, Ohio, 2007 Madison Rd Trinity 0291
Cleveland 23, Ohio, 21930 Lake Shore Blvd Redwood 1-4578
Detroit 1, Mich, 4829 Woodward Ave Temple 1-4949
Hackensack, N J, 210 Main St Diamond 3-5758
Phila 40, Pa, 3701 N Broad St Sagamore 2-9312
Pittsburgh 26, Pa, 618 W Warrington Ave Everglade 1-6006
Worcester, Mass, 340 Main St 4-4005

Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J Mitchell 2-7142
Chicago, Ill, Michigan Blvd
N Y, W 56 St
Phila, Pa, S 18 St
San Francisco, Cal, Powell St

Hanson-Van Winkle-Munning Co, Church St, Matawan, N J 1-1000
Anderson, Ind, 1520 W 2 St, P O Box 189 5312
Boston 16, Mass, 258 Park Sq Bldg Hancock 6-7590
Chicago 12, Ill, 2920 Carroll Ave Van Buren 6-3773
Cleveland 14, Ohio, 308 Engineers Bldg Prospect 1-4492
Detroit 2, Mich, 2842 W Grand Blvd, Curtis Bldg Trinity 5-4360
Phila 6, Pa, The Philadelphia Bourse, 4 & Ranstead Sts Lombard 3-2889
Pittsburgh 22, Pa, Oliver Bldg Court 1-1597
Stratford, Conn, 382 Seymour St Bridgeport 7-2825

James K Harbinson & Co, 70 W Chippewa St, Buffalo 2, N Y Cleveland 2730
N Y 28, 515 E 89 St Sacramento 2-5459

W C Hardesty Co, Inc, 41 E 42 St, N Y 17 Murray Hill 2-1920

Hardesty Chem Co, Inc, 41 E 42 St, N Y 17 Murray Hill 2-1920

Hardinge Co, Inc, 240 Arch St, York, Pa 5491
Chicago 6, Ill, 205 W Wacker Dr Franklin 2-4182
Hibbing, Minn, P O Box 368 2-2825
N Y 17, 122 E 42 St Murray Hill 3-1310
Salt Lake City 1, Utah, 146 S W Temple St 3-2160
San Francisco 11, Cal, 24 California St Yukon 2-6920

H V Hardman Co, Inc, 571 Cortlandt St, Belleville 9, N J 2-1242

M W Hardy & Co, Inc, 141 Broadway, N Y 6 Worth 4-1550

Harmon Color Works Div, B F Goodrich Co, P O Box 14, Hawthorne, N J Lambert 3-2900
Haledon, N J, 550 Belmont Ave

Harnischfeger Corp, 4400 W National Ave, Milwaukee 46, Wis MI 5-1400
Birmingham, Ala, 1629 Vanderbilt Rd 7-8147
Boston 15, Mass, 526 Statler Office Bldg Hubbard 2-1025
Chicago 6, Ill, 20 N Wacker Dr Andover 3-6510
Dallas 12, Tex, 1225 N Industrial Blvd Prospect 7796
Denver 2, Col, Central Bank Bldg, 1108 15 St Alpine 5619
Detroit 26, Mich, 845-6 Book Bldg Woodward 1-7233
Jacksonville, Fla, 1287 Forsyth St 9-1124
Kansas City 6, Mo, 518 Dwight Bldg Victor 3609
Los Angeles 59, Cal, 2400 E Imperial Hway Lorraine 9-7141
Minneapolis 1, Minn, 840 Lumber Exchange Atlantic 7344
N Y 7, 30 Church St Rector 2-0460
Phila 3, Pa, 856 Suburban Sta Bldg Rittenhouse 6-0572
Pittsburgh 22, Pa, 1203-06 Farmers Bank Bldg Atlantic 1-1856
St Louis 10, Mo, 4030 Chouteau Ave Jefferson 8141
San Francisco 4, Cal, 100 Bush St, Shell Bldg Douglas 2-2313
Seattle 4, Wash, 2909 1 Ave S Main 7720
Syracuse, N Y, Wilson Bldg 2-9961
Teterboro, N J, 100 North St
Washington 5, D C, 1029 Vermont Ave N W National 8-5455
West Hartford 7, Conn, 62 LaSalle Rd

H M Harper Co, 8200 Lehigh Ave, Morton Grove, Ill Orchard 3-1321

Harrisburg Steel Corp, Harrisburg, Pa 4-8021
N Y 17, 110 E 42 St

Harrison & Co, Inc, 487 Groveland St, P O Box 457, Haverhill, Mass 4-8681

Harrison Radiator Div, General Motors Corp, Washburn & Walnut Sts, Lockport, N Y 3-2611

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio Randolph 1-8300
Chicago 10, Ill, 505 N LaSalle St Delaware 7-7969
Cincinnati 13, Ohio, 6265 Wiehe Rd Main 4312
Detroit 28, Mich, 9240 Hubbell Ave Vermont 6-6300
Houston 11, Tex, 6622 Supply Row Wentworth 1628
Los Angeles 22, Cal, 3237 S Garfield Ave Underhill 0-3161
N Y 17, 420 Lexington Ave Murray Hill 6-1913
Phila 48, Pa, Jackson & Swanson Sts Howard 2-4700
Pittsburgh 3, Pa, 7 & Carson Sts Hemlock 1-8100

Harshaw Scientific Div, Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio Randolph 1-8300
Cincinnati 13, Ohio, 6265 Wiehe Rd Redwood 9100
Detroit 28, Mich, 9240 Hubbell Ave Vermont 6-6300
Houston 11, Tex, 6622 Supply Row Wentworth 1628
Los Angeles 22, Cal, 3237 S Garfield Ave Underhill 0-3161
Phila 48, Pa, Jackson & Swanson Sts Howard 2-4700

Harsyd Chem, Inc, 397 W 21 St, Holland, Mich 6-6209

John J Harte Co, 284 Techwood Dr N W, Atlanta, Ga Cypress 2771

Houston, Tex, 4101 San Jacinto Justin 3322
N Y, 295 Madison Ave Murray Hill 3-9690

Hartman-Leddon Co, Inc, 5819 Market St, Phila, Pa Granite 6-0664

H N Hartwell & Son, Inc, 947 Park Sq Bldg, Boston, Mass LI 2-7104

Harwick Chem, First National Bank Bldg, Butler, Mo 673

Harwick Standard Chem Co, 60 S Seiberling St, Akron 5 Ohio Stadium 0481
Boston 10, Mass, 404 Chamber of Commerce Bldg Hancock 6-0300
Chicago 25, Ill, 2724 W Lawrence Ave Longbeach 1-3195
Los Angeles 21, Cal, 1248 Wholesale St Trinity 8588
Trenton 9, N J, 2595 E State St 4-3137

Hastings Instrument Co, Inc, Super Hway at Pine Ave, Hampton, Va 3-6531

Hatco Chem Co, Ft of Sandford Ave, Kearny, N J 2-9140

Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y South 8-7310
Boston 15, Mass Kenmore 6-8275
Chicago 44, Ill Mansfield 6-2694
Cleveland 15, Ohio Cherry 1-3235
Phila 8, Pa Walnut 2-2513
Pittsburgh 21, Pa Pennhurst 1-0220
San Francisco 7, Cal Sutter 2979

Hayes Adhesives Co Inc, Affiliate of Paisley Prod Inc, Union Blvd & Brown Ave, St Louis 15, Mo Evergreen 3100
Chicago 16, Ill, 1770 Canalport Canal 6-2219
N Y 19, 630 W 51 St Columbus 5-2860

Haynes Stellite Co, Div Union Carbide & Carbon Corp, Le Van Bldg, Kokomo, Ind
Chicago 1, Ill, 230 N Michigan Ave Financial 6-3300
Cleveland 14, Ohio, 1517 Superior Ave Cherry 1-5366
Detroit 2, Mich, 6-240 General Motors Bldg Trnility 5-7800
Houston 11, Tex, 6119 Harrisburg Blvd, P O Box 9097 Woodcrest 3165
Los Angeles 58, Cal, 2770 Leonis Blvd Logan 8-3451
N Y 17, 30 E 42 St Murray Hill 7-8000
San Francisco 6, Cal, 22 Battery St Yukon 2-1360
Tulsa 7, Okla, 1402 W 17 St 2-2615

Hays Corp, E 8 St, Michigan City, Ind 2-5561

Heatbath Corp, Box 78, Springfield, Mass LI 3-3381

Heat-X-Changer Co, Inc, Brewster, N Y 9-3781
Chicago 6, Ill, 549 W Washington Blvd Central 6-9572
Los Angeles 23, Cal, 1490 Calzona St Angelus 1-6173
N Y, 250 E 43 St Murray Hill 9-2660

D Hecht & Co, 510 Battery St, San Francisco, Cal Sutter 1-4966

Heckathorn & Co, 641 S 4 St, Richmond 4, Cal Landscape 5-9210
Fresno, Cal, P O Box 1771 7-4331
Pomona, Cal, 304 N E End Ave LY 9-5057
Sacramento, Calif, 1301 Arroyo Grande Drive Ivanhoe 9-6374
Tulare, Calif, 318 N 1 St Tulare 6-3373
Yakima, Wash, 1001 S 31 Ave Yakima 3-2116

Hegeler Zinc Co, P O Drawer 599, Danville, Ill 1400
Detroit 26, Mich, 1544 Buhl Bldg WO 2-6414

Heil Co, 3000 W Montana St, Milwaukee 1, Wis Mitchell 5-8000
Atlanta, Ga, 624 Candler Bldg Main 1494
Dallas, Tex, 1226 Irwin Keasler Bldg, 1700 Commerce St Randolph 7621
Hillside 5, N J, Rt 29 Waverly 3-9200
Kansas City, Mo, 850 Board of Trade Bldg Harrison 7676
Los Angeles, Cal, 708 Subway Terminal Bldg, 417 S Hill St Madison 6-1717
Seattle, Wash, 805 White Henry Stuart Bldg Main 1114

Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio Academy 1-6560
Chicago, Ill, 400 W Madison Ave Andover 3-2134
N Y 18, 152 W 42 St Pennsylvania 6-1827

Heilman Boiler Works, Inc, 128 Linden St, Allentown, Pa 4-9491

Heintz Mfg Co, Front St & Olney Ave, Phila, Pa Livingston 8-1000
Detroit 2, Mich, 419 New Center Bldg Trinity 2-4855
Tenafly, N J, 46 Leroy St Englewood 4-0550

Helicoid Gage Div, American Chain & Cable Co, Inc, 929 Connecticut Ave, Bridgeport, Conn 5-0161
Denver 2, Col, 4555 E 46 Ave Tabor 0197
Houston 1, Tex, 630 McFarland St
N Y 17, 230 Park Ave Murray Hill 6-8800
Pittsburgh 22, Pa, 908 Empire Bldg, 501 Liberty Ave

Heliige Inc, 877 Stewart Ave, Garden City, N Y Garden City 3-3300

L Hemmerdinger & Co, Inc, 424-36 E 123 St, N Y 35 Lehigh 4-1650

Hendrick Mfg Co, Carbondale, Pa 1600
Hazleton, Pa, 121 W Birch St 907
N Y 7, 30 Church St Barclay 7-1428
Phila 7, Pa, 1015 Chestnut St Lombard 3-3428
Pittsburgh 22, Pa, 1445 Oliver Bldg Atlantic 1-1648

Henley & Co, Inc, 801 2 Ave, N Y 17 Lexington 2-4071

Henszey Co, Watertown, Wis 1009

Hercules Filter Corp, 204 21 Ave, Paterson 3, N J

Hercules Powder Co, Inc, 978 Market St, Wilmington 99 Del 7211
Akron 8, Ohio, Akron Savings & Loan Bldg
Atlanta 3, Ga, 134 Peachtree St Walnut 3201
Birmingham 5, Ala, 205 S 32 St
Boston 16, Mass, 200 Berkeley St Liberty 2-2842
Chicago 4, Ill, 332 S Michigan Ave Harrison 7-5230
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Cleveland 14, Ohio, Union Commerce Bldg Superior 1-4335
Dallas, Tex, Fidelity Union Life Bldg Riverside 3418
Denver 2, Col, 650 17 St Tabor 5386
Detroit 2, Mich, 628 Fisher Bldg Trinity 2-1760
Holyoke, Mass, P O Box 308 6426
Kalamazoo 99, Mich, 411 Hercules Ave 8161
Los Angeles 5, Cal, 3460 Wilshire Blvd Prospect 7151
Milwaukee, Wis, 5228 N Hopkins St Hilltop 5-4000
N Y 36, 500 5 Ave Pennsylvania 6-6268
Portland 8, Ore, P O Box 3939 Broadway 3535
Raleigh, N C, 807 Commercial Bldg
St Louis 8, Mo, 3615 Olive St Jefferson 8814
San Francisco 4, Cal, 225 Bush St Yukon 6-2535

Heveatex Corp, 78 Goodyear Ave, Melrose 76, Mass 4-4110
Akron, Ohio
Chicago, Ill
Detroit, Mich
N Y

Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis West 3-2756
Chicago 6, Ill, 205 W Wacker Dr Franklin 2-1035
Cleveland 14, Ohio, 4 Union Commerce Bldg Cherry 1-4064
Jersey City 6, N J, 50 Journal Sq Journal Square 5-5250
Van Nuys, Cal, 15026 Oxnard St State 5-5457

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Hewitt-Robins Inc, 666 Glenbrook Rd, Stamford, Conn 48-3785
Baltimore, Md, P O Box 4614
Birmingham, Ala, 530 N 10 St (J A Zehmer & Co)
Boston 10, Mass, 261 Franklin St
Buffalo 5, N Y, 144 Kensington Ave (Restfoam Div)
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Cedar Rapids, Iowa, 3019 Meadowbrook Dr S E
Charleston 2, W Va, 1010 Pennsylvania Ave
Charlotte, N C, P O Box 451
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Cleveland 2, Ohio, 8905 Lake Ave
Columbus 13, Ohio, P O Box 3822
Dallas 1, Tex, 2528 Oakland Ave
Denver 2, Col, 1718 California St
Detroit 8, Mich, 2617 W Grand Blvd
Hibbing, Minn, 718 E Howard St
Houston 3, Tex, 5711 Navigation Blvd
Kansas City 2, Mo, 406 W 34 St
Knoxville, Tenn, P O Box 942 (Hoyt N Payne Co)
Lakeland, Fla, P O Box 2331
Los Angeles 22, Cal, 2604 S Malt Ave
Louisville 7, Ky, 4033 Massie Ave
Marietta, Ga, 114 McDonald
Marshall, Mich, 818 N Howard St
New Orleans 7, La, 109 Cambridge Ct, Aurora Gardens
N Y, 370 Lexington Ave
N Y 7, 157 Chambers St (Robins Engineers Div)
Passaic, N J, 270 Passaic Ave (Robins Conveyors Div)
Philadelphia, Pa, Wire Products Plant (Robins Conveyors Div)
Philadelphia 25, Pa, Coral & Hagert Sts
Phoenix, Ariz, 604 Title & Trust Bldg
Pittsburgh, Pa, 956 Union Trust Bldg
Portland, Ore, 218 Henry Bldg S W 4 & Oak
Richmond, Va, 7807 Hillview Ave
St Louis 10, Mo, 4030 Chouteau Ave
Salt Lake City, Utah, 545 W 8 S St (Galigher Co)
San Antonio 9, Tex, 122 Larchmont Dr
San Francisco, Cal, 277 Pennsylvania Ave (Monarch Supply Co)
Shreveport, La, 3012 Exposition St
Tulsa, Okla, 310 Thompson Bldg
W Hartford, Conn, P O Box 423

Hexagon Labs, Inc, 3536 Peartree Ave, N Y 69 Fairbanks 4-7550

Heyden Chem Corp, 342 Madison Ave, N Y 17 Murray Hill 2-7600
Chicago 6, Ill, 20 N Wacker Dr State 2-6480
Detroit 1, Mich, 2111 Woodward Ave Woodward 1-0998
Phila 7, Pa, 1339 Chestnut St Locust 4-6075
Providence, R I, 511 Westminster St Gaspee 1-1464
San Francisco 11, Cal, 420 Market St Sutter 1-0596

Heyl & Patterson, Inc, 55 Water St, Pittsburgh 22, Pa Court 1-0750

Hill Bros Chem Co, 1525 S 28 St, San Diego 13, Cal Franklin 7171
Los Angeles 21, Cal, 2159 Bay St Trinity 7906

Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill Graceland 2-1150
N Y 7, Hudson Terminal Bldg, 30 Church St Rector 2-0744

Hilton Davis Chem Co Div, Sterling Drug Inc, 2235 Langdon Farm Rd, Cincinnati 13, Ohio Elmhurst 1300

Hinde & Dauch Paper Co, 407 Decatur St, Sandusky, Ohio 301
Akron 4, Ohio, 109 N Union St
Baltimore 13, Md, 3400 E Biddle St
Battle Creek, Mich, 85 E Ave N
Bloomington, Ill, 409 E Grove St
Buffalo 6, N Y, 95 Dorothy St
Chicago 32, Ill, 3301 W 47 Pl
Cincinnati 1, Ohio, P O Box 602
Cleveland 2, Ohio, 2210 W 110 St
Columbus 15, Ohio, 560 S Front St
Denver 9, Col, 224 W Alameda Ave
Detroit 28, Mich, 13870 W Chicago Blvd
Fairfield, Conn, 1330 Post Rd
Findlay, Ohio, 1110 Washington Ave
Gloucester City, N J, 5 St
Greensboro, N C, P O Box 2288
Greenville, Ohio, 230½ Oakwood
Hoboken, N J, 550 9 St
Indianapolis 18, Ind, 2134 Catherwood Ave
Jamestown, N Y, 213 Newton Ave
Kansas City 19, Kan, Packers Sta
Lenoir, N C, P O Box 653
Minneapolis 2, Minn, 816 National Bldg
Omaha 6, Neb, 7272 Webster St
Plymouth, Ind, 133 E Harrison St
Portland, Me, 1188 Washington Ave
Reading, Pa, 218 Mayer St
Richmond 12, Va, 2300 Jefferson Davis Hway
Roanoke, Va, P O Box 912
Rochester 18, N Y, 180 Maybrook Rd
St Louis 15, Mo, 5110 Penrose St
Sandusky, Ohio, 407 Decatur St
Shrewsbury, Mass, 274 Maple Ave
Toledo 4, Ohio, 245 Huron St
Watertown 72, Mass, 70 Grove St

Hi-Test Chem Corp, 722 64 St, Bklyn 20, N Y Terrace 6-5991

Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla 2-9419

Hoffmann-La Roche, Inc, Vitamin Div, Nutley 10, N J 2-5000

Hoke Inc, S Dean St at Garrett Pl, Englewood, N J 3-9100

R M Hollingshead Corp, 840 Cooper St, Camden, N J Woodlawn 4-7000

Hollingsworth & Whitney Co, 60 Batterymarch St, Boston 2, Mass Liberty 2-7250
Chicago, Ill, 111 W Washington St
N Y, 230 Park Ave

Homer Mfg Co Inc, 142 E Pearl St, Lima, Ohio 2-4710

Honan-Crane Corp, Lebanon, Ind 50
Ridgefield, N J, 633 Grand Ave Morsemere 6-8490

Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y 6655
Chicago 2, Ill, 1 N LaSalle St Central 6-1311
N Y 13, 60 E 42 St Murray Hill 2-2500
Tacoma, Wash, 605 Alexander St Broadway 1215
Wilmington, Cal, 935 Pier A St Terminal 4-2411

Hooper Chem Corp, P O Box 313, Rutherford, N J 2-0624

F R Hormann & Co Inc, 17 Stone St, Newark 4, N J Humboldt 2-5397

A C Horn Co Div, Sun Chem Co, 10-10 44 Rd, L I C, N Y Stillwell 6-1100

Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich TY 5-2865
Aurora, Ill, Merchants National Bank Bldg 6-4561
N Y 17, 5636 Grand Central Terminal Murray Hill 9-4682

Frank G Hough Co, Libertyville, Ill 2-4000

E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa Regent 9-7100
Charlotte 6, N C, 825½ W Morehead St
Chicago 9, Ill, 3516-38 Shields Ave Boulevard 8-9200
Cincinnati 2, Ohio, 307 E 4 St
Cleveland 3, Ohio, 4500 Euclid Ave
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Minneapolis 2, Minn, 428 Plymouth Bldg
N Y 36, 55 W 42 St
Pittsburgh 22, Pa, 907 Bessemer Bldg
Portland, Ore, 208 S W Stark St
San Francisco 24, Cal, Quint St & Davidson Ave VA 4-3207
Seattle 4, Wash, 913 Arctic Bldg
Worcester, Mass, P O Box 145

Philip A Houghton Inc, 30 Huntington Ave, Boston 16, Mass KE 6-8830

Houghton Labs, Inc, 322 Bush St, Olean, N Y 2-2176

B J Howard Co, Whitaker Bldg, Baltimore 2, Md Mulberry 5-2350

Howe & French, Inc, 99 Broad St, Boston, Mass HA 6-5910
East Weymouth, Mass, Washington & Middle Sts HA 6-5910

Everett, Mass, Williams & Norman Sts HA 6-5910

Howe Scale Co, Rutland, Vt 540
Atlanta 3, Ga, 685 Stewart Ave, S W Bldg C, Unit 6
Baltimore 18, Md, 1300 Curtain Ave
Boston 36, Mass, 1219 Hyde Park Ave
Buffalo 4, N Y, 294 Genesee St at Spruce
Chicago 35, Ill, 1915 N Harlem Ave
Cincinnati 13, Ohio, 3438 Duck Creek Rd
Cleveland 13, Ohio, 1251 W 3 St
Denver 5, Col, 2524 Walnut St
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San Francisco 3, Cal, 124 4 St
Seattle 1, Wash, 3222 Western Ave

Howell Elec Motors Co, 409 N Roosevelt, Howell, Mich Howell 20
Battle Creek, Mich, 333 Hamblin Ave 3-3929
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Cincinnati 9, Ohio, 4115 Edwards Rd Melrose 2652
Cleveland 3, Ohio, 4500 Euclid Ave Express 1-1326
Detroit 2, Mich, 301-302 Stephenson Bldg Trinity 5-4090
Grand Rapids 2, Mich, 216 Houseman Bldg Glendale 4-9941

R B Huber, Sales Engineer, 216 Tremont St, Boston 16, Mass Hubbard 2-1454

J M Huber Corp, 100 Park Ave, N Y 17 Murray Hill 6-1818
Chicago, Ill, 59 E Van Buren Wabash 2-9157

Hudson Pulp & Paper Corp, 505 Park Ave, N Y Plaza 9-7733
Chicago, Ill, 360 N Michigan Ave Randolph 6-1855

Hughes Chem Supply Co Inc, 1411 Fleet St, Baltimore 31, Md Orleans 3113

Charles L Huisking & Co, Inc, 45 Clinton Ave, Bklyn 5, N Y Ulster 8-5800

Hukill Chem Corp, 2533 Broadway, Cleveland 13, Ohio Cherry 1-7495

Hummel Chem Co, Inc, 90 West St, N Y 6 Rector 2-5687

Humphrey-Wilkinson, Inc, DeVine St, N Haven, Conn Chestnut 8-7771

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Cleveland 14, Ohio, 2432 Lakeside Ave Main 1-2286

Dallas, Tex, 2 Unit Santa Fe Bldg Sterling 2279

Detroit 26, Mich, 600 Michigan Bldg, 220 Bagley St Woodward 1-9514

Los Angeles 13, Cal, 541 Ceres Ave Michigan 2607

Phila, Pa, 1414 Land Title Bldg, Chestnut & Broad Sts Rittenhouse 6-1211

San Francisco, Cal, 420 Market St Yukon 6-4761

Hunt Chem Works, Inc, 271 Russell St, Bklyn, N Y Longacre 5-7654

Huntington Labs, Inc, E Tipton St, Huntington, Ind 190

Hutchman Co Inc, P O Box 386, Lakeland, Fla Lakeland 26062
Brooker, Fla, P O Box 6 395J

Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio 39

Chicago 45, Ill, 3058 Peterson Bldg, Peterson Ave Rogers Park 4-6071
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N Y 18, 500 5 Ave Longacre 4-3790
Pittsburgh 22, Pa, 509 Empire Bldg Grant 1-6548
Teaneck, N J, Peoples Trust Bldg, 352 Cedar Lane 6-1615

Hydrocarbon Chemicals, Inc, 130 Lister Ave, Newark 5, N J Market 2-5840

I

I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Phila 30, Pa Locust 7-1420
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Cincinnati, Ohio, 6953 Thorndyke Rd Bramble 4725
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N Y, 74 Trinity Pl Whitehall 3-7530
Phila, Pa, 101 N 33 St Evergreen 6-0900
Pittsburgh, Pa, 210 Grant St Grant 1-2970
St Louis, Mo, 7 N Brentwood Blvd Parkview 6202
San Francisco, Cal, 116 New Montgomery St Yukon 2-2760
Washington, D C, 917 15 St N W District 2326

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Chicago, Ill, 208 S LaSalle Dearborn 2-6013

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Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill 72

Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill 2-8851
N Y 17, 141 E 44 St Murray Hill 7-7797

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N Y, 10 E 39 St Oregon 9-2677

Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill Haymarket 1-0740
Los Angeles, Cal, 1341 S Hope St Prospect 6028
N Y, 501 5 Ave Murray Hill 7-3308

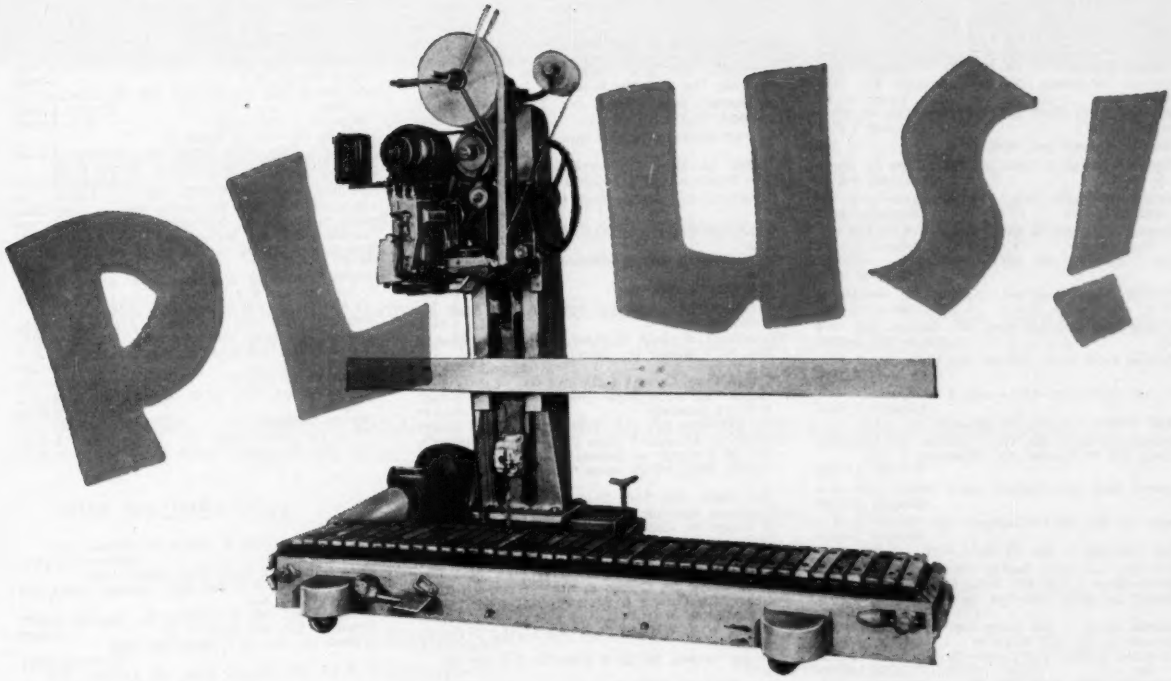
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Cincinnati 2, Ohio, 1302 American Bldg Cherry 1954
Cleveland 15, Ohio, 535 Bulkley Bldg Cherry 1-4575
Detroit 2, Mich, 321 Curtis Bldg, 2842 W Grand Blvd Trinity 1-1321
N Y 22, 515 Madison Ave Eldorado 5-0718
Phila 7, Pa, 1914 Phila Saving Fund Bldg, 12 S 12 St Lombard 3-2220
St Louis 8, Mo, 3713 Washington Blvd Newstead 0618
San Francisco 5, Cal, Sharon Bldg, 55 New Montgomery St Yukon 2-2250
South Gate, Cal, 3362 Sequoia Dr (Los Angeles) Lorain 6-2457

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Industrial Chem Specialties Co, P O Box 456, Baytown, Tex 2033
Fort Worth, Tex, 3010 Merida W-5578
Industrial Dvestuff Co, P O Box 149, Massasoit Ave, E Providence 14, R I 1-0941
Industrial Filter & Pump Mfg Co, Inc, 5914 Ogden Ave, Chicago 50, Ill Bishop 2-1180
Industrial Instruments Inc, 89 Commerce Rd, Cedar Grove, N J Verona 8-2500
Industrial Lining Engrs Inc, 3527 Smallman St, Pittsburgh 1, Pa Schenley 1-7791
Industrial Minerals Inc, York, S C 184
Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal Landscape 4-2100
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio Kingswood 0671
Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa Jefferson 5-1102
Los Angeles 22, Cal, 5641 District Blvd Jefferson 6281
Industrial Process Engineers, 8 Lister Ave, Newark 5, N J Market 3-7400
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22 Murray Hill 8-8080
Industrial Resin Corp, Jefferson Rd, Whippany, N J 8-0280
Industrial Sales Corp, 500 5 Ave, N Y 36 Longacre 3-3660
New Orleans 12, La, 302 Magazine St
Industrial Service Labs Div, American Bio-Synthetics Corp, 710 W National Ave, Milwaukee 4, Wis Orchard 2-1098
Industrial Corp, 472 Westfield Ave E, Roselle Park, N J Chestnut 5-8400
Inertol Co, Inc, 480 Frelinghuysen Ave, Newark 5, N J Bigelow 3-2001
San Francisco 7, Cal, 27 South Park Sutter 4475
Infilco Inc, Box 5033, Tucson, Ariz 3-5401
Baton Rouge 1, La, 401 Triad Bldg 2-7413
Boston 16, Mass, 258 Park Sq Bldg Liberty 2-6651
Buffalo 16, N Y, 240 Colvin Ave Bedford 4032
Chicago 16, Ill, 325 W 25 Pl Calumet 5-2525
Cleveland 3, Ohio, 205 Euclid—712 Bldg, 7016 Euclid Ave Utah 1-0600
Columbus, Ohio, 2735 Kent Rd Kingswood 5217
Dallas 1, Tex, 614 Irwin-Keasler Bldg Prospect 1042
Decatur, Ga, 215 Church St Bldg Dearborn 1932
Edgefield, S C, P O Box 233 4691
El Paso, Tex, 801 First National Bldg 3-7122
Fort Lee, N J, P O Box 151 8-0540
Grosse Pointe 30, Mich, 1370 Harvard Rd Trinity 2-8000 (Detroit, Mich)
Houston 2, Tex, 3803 Main St Lynchburg 8571
Los Angeles 5, Cal, 2500 W 6 St Bldg Dunkirk 7-5286
Los Angeles 28, Cal, 6404 Hollywood Blvd Hillside 3887
Minneapolis 2, Minn, 244 Plymouth Bldg Main 4439
Omaha 3, Neb, 423 S 38 Ave Atlantic 1312
Orlando, Fla, 35 W Columbia 3-0322
Phila 3, Pa, 1514 Architects Bldg, 117 S 17 Rittenhouse 6-9856
Pittsburgh 28, Pa, 91 Central Sq Locust 1-2932
St Louis 1, Mo, 2023 Railway Exchange Bldg Chestnut 8861
Salt Lake City, Utah, 149 W 2 S St 4-1971
San Francisco 11, Cal, Marvin Bldg, 24 California St Sutter 1-8603
Tulsa 3, Okla, 802 Kennedy Bldg 4-5453
Washington, D C, 422 Washington Bldg Metropolitan 5852
Ingersoll-Rand Co, 11 Broadway, N Y Digby 4-6070
Injection Molding Co, 75 & Cleveland, Kansas City, Mo
Inland Alkaloid Co, Tipton, Ind 73
Inland Steel Co, 38 S Dearborn, Chicago 3, Ill Central 6-7920
Davenport, Iowa, 326 W 3 St
Detroit 2, Mich, 3001 W Grand Blvd
Indianapolis 4, Ind, 333 N Pennsylvania Ave
Kansas City 6, Mo, 1221 Baltimore Ave
Milwaukee 2, Wis, 208 E Wisconsin Ave
N Y 17, 230 Park Ave
St Louis 2, Mo, 418 Olive St
St Paul 1, Minn, 332 Minnesota St
Inland Steel Container Co, Div Inland Steel Co, 6532 S Menard Ave, Chicago 38, Ill PO 7-8100
Chicago 3, Ill, 38 S Dearborn St Central 6-7920
Davenport, Iowa, 326 W 3 St 7-9111
Detroit 2, Mich, 3001 W Grand Blvd Trinity 2-4425
Indianapolis 4, Ind, 333 N Pennsylvania Ave Lincoln 2311
Jersey City 5, N J, 353 Danforth Ave (Equipment) Delaware 3-4700
Kansas City 6, Mo, 1221 Baltimore Ave Victor 5506
Milwaukee 2, Wis, 208 E Wisconsin Ave Daly 8-4921
New Orleans 19, La, 325 N Cortez St (Equipment) Galvez 2171
N Y 17, 230 Park Ave Murray Hill 6-7250
St Louis 2, Mo, 418 Olive St Main 3185
St Paul 1, Minn, 332 Minnesota St Cedar 1191
O G Innes Corp, 82 Wall St, N Y 5 Hanover 2-7450
Cleveland 15, Ohio, 830 Hanna Bldg Cherry 1-7766
Innis, Speiden & Co, Inc, 420 Lexington Ave, N Y 17 Lexington 2-5959
Boston, Mass, 41 Commercial Wharf Capitol 7-3778
Chicago, Ill, 722 W Hubbard St Haymarket 1-0991
Cincinnati 2, Ohio, 2208 Carew Tower
Cleveland, Ohio, 2775 Pittsburgh Ave Cherry 1-6345
Gloversville, N Y, 8-10 W St
Phila, Pa, 401 N Broad St Walnut 2-3198
Insto-Gas Corp, 1977 E Woodbridge, Detroit 7, Mich Lorain 7-3181
Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa Atlantic 1-4240
Hollywood, Cal, 6837 Hawthorne Ave Tucker 6611
Houston, Tex, P O Box 8138
Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J Mitchell 2-8300
Internatio-Rotterdam Inc, 61 Broadway, N Y 6 Whitehall 3-3200
Boston 10, Mass, 75 Federal St Liberty 2-9675
San Francisco, Cal, 351 California St Sutter 1-5700
International Commodities Corp, 11 Mercer St, N Y 13 Worth 4-3000
International Engrg Inc, 1145 Bolander Ave, Dayton 1, Ohio Adams 7275
Chicago 5, Ill, 407 S Dearborn St (Mills-Winfield Co) Wabash 2-0733
N Y 38, 15 Park Row Worth 2-2580
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass Stadium 2-7900
International Minerals & Chem Corp, Amino Products Div, 24 N Wacker Dr, Chicago 6, Ill Financial 6-1800
College Park, Ga, 408 Leslie Dr Fairfax 3417
Dallas, Tex, 6339 Royal Lane Forest 8-7002
N Y, 61 Broadway Bowling Green 9-6690
San Francisco, Cal, 214 Front St Yukon 2-1585
International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill Financial 6-1800
Detroit, Mich, 18264 James Couzens Hway University 4-8191
Fort Worth, Tex, 3848 South Dr Wilson 3119
International Minerals & Chem Corp, Phosphate Div, 20 N Wacker Dr, Chicago 6, Ill Financial 6-1800
Atlanta 3, Ga, 908 Mortgage-Guarantee Bldg Cypress 1604
International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill Financial 6-1800
Albany, Ga, Citizens & Southern Bank Bldg, 100 N Washington St 340
Buffalo, N Y, Williams St & City Line, P O Sta A, Box 21 Taylor 1888
Chicago Heights, Ill, 16 & State St, P O Box 277 1140
East Point, Ga, Willingham Dr (Atlanta, Ga) Calhoun 6644
Florence, Ala, P O Box 158 2500
Fort Worth, Tex, P O Box 4545 North Crest 8257
Greenville, Tenn, Bohannon Ave, P O Box 204 155-11
Hartsville, S C, P O Box 389 600
Lockland, Ohio, Big 4 & Smalley Rd (Box 67 Lockland Sta, Cincinnati, Ohio) Valley 3570
Mason City, Iowa, 810 12 St N W 1094
Montgomery, Ala, Parallel St, Scotts Bend (P O Box 829) 3-2505
Mulberry, Fla, Main & Church St, P O Box 2567 2481
Texarkana, Ark, P O Box 928 22-2332
Tupelo, Miss, P O Box 403 480
Wilmington, N C, P O Box 677 6058
Woburn, Mass, New Boston St, P O Box 230 2-1036
International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill Financial 6-1800
Atlanta 3, Ga, 908 Mortgage-Guarantee Bldg (Agricultural Sales) Cypress 1603
N Y 6, 61 Broadway (Industrial & Agricultural Sales) Bowling Green 9-6690
Shreveport, La, 309 Slattery Bldg (Agricultural Sales) 3-0588
INTERNATIONAL PAPER CO, Bagpak Div, 220 E 42 St, N Y 17 Murray Hill 2-7500
See Catalog Pg. 51
Atlanta, Ga, 134 Peachtree St Lamar 7346
Baltimore, Md, 2206 Mathieson Bldg Plaza 4950
Baxter Springs, Kan, 426 Cleveland St 427
Boston, Mass, 80 Federal St Hancock 6-2264
Chicago, Ill, 400 W Madison St Randolph 6-1281
Cleveland, Ohio, 1001 Terminal Tower Bldg Cherry 1-4712
Dallas, Tex, 1511 Bryan St Sterling 5891
Denver, Col, 225 C A Johnson Bldg Alpine 1839
Detroit, Mich, 9101 E Jefferson Ave Valley 2-8970
Kansas City, Kan, 401 Kindelberger Rd Finley 8627
Los Angeles, Cal, 5120 S Soto St Logan 8-3371
Minneapolis, Minn
New Orleans, La, 504 Hibernia Bank Bldg Raymond 5835
Phila, Pa, 1126 Lincoln-Liberty Bldg Rittenhouse 6-4191
Pittsburgh, Pa, 1026 Farmers Bank Bldg Court 1-0918
St Louis, Mo, 2013 Olive St Chestnut 1930
San Francisco, Cal, 235 Montgomery St Yukon 2-1456
International Salt Co, Inc, P O Drawer 511, Scranton 2, Pa 2-3293
Atlanta 3, Ga, 101 Marietta St Bldg Walnut 2310
Boston 14, Mass, 150 Causeway St Capitol 7-5084
Buffalo 3, N Y, 638 Marine Trust Bldg Madison 3035
Chicago 1, Ill, 228 N LaSalle St
Cincinnati 2, Ohio, 1629 Carew Tower Main 1450
Cleveland 14, Ohio, 720 Euclid Ave
New Orleans 12, La, 507 Whitney Bank Bldg Canal 1161
N Y 17, 475 5 Ave Murray Hill 5-2760
Newark 2, N J, National Newark & Essex Bldg, 744 Broad St Market 3-5106
Phila 2, Pa, Lewis Tower Bldg. 15 & Locust Sts Pennypacker 5-5262
Pittsburgh 22, Pa, 840 Oliver Bldg, 537 Smithfield St Atlantic 1-1119
Richmond 19, Va, 1039 Central National Bank Bldg 2-4700
St Louis 10, Mo, 1042 Central Industrial Dr Grand 9630
International Selling Corp, 122 E 42 St, N Y 17 Murray Hill 6-2311
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y 5-2424
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio Orchard 1-3500
Bklyn, N Y, 356 4 Ave Main 4-0307
Chicago, Ill, 1101 W Adams St
Cleveland, Ohio, 2250 Euclid Ave Superior 1-8100
Milwaukee, Wis, 4507 Wisconsin Ave Bluemound 8-3420
Portland, Ore, 4629 S E 17 Ave Empire 1158
St Louis, Mo, 3114 Washington Ave Olive 2211
Ironton Fire Brick Co, Ironton, Ohio 109
Jacksonville 1, Fla, Graham Bldg 3-5586
Irving Subway Grating Co, Inc, 50-38 27 St, L I C 1, N Y RA 9-8810
Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J Essex 3-4200
El Monte, Cal, 278 N Arden Dr
Monrovie, Calif, 1601 So Shamrock Ave Elliott 8-0136
Newark, N J, 500 Doremus Ave Market 3-4829
C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y 9-3889
Passaic, N J, 35 8 St Prescott 9-1793
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y Stillwell 4-2341
Chicago (Addison), Ill Enterprise 1279
Phila, Pa, 3138 Nesper St Devonshire 2-4742
St Louis, Mo, 9287 Fayette St Flanders 7624

J

Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal Charleston 8-6661
Phila 6, Pa, 751 Drexel Bldg (Export Dept)
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Chicago 5, Ill, 407 S Dearborn St Harrison 7-2375
Fresno 3, Cal, 356 North H St 4-5938
Houston 11, Tex, 6247 Navigation Blvd Woodcrest 8321
N Y 17, 808 Graybar Bldg, 420 Lexington Ave Murray Hill 6-4646
Plainview, Tex, 1305 N Columbia St 2280
San Francisco 4, Cal, 216 Pine St Sutter 1-5812
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich 2-3127
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y 5-8400
Jaques Co, 67 Batterymarch St, Boston 10, Mass Liberty 2-5131
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass De 2-1440
Detroit, Mich, 13680 Capitol Ave Webster 3-0258
El Cerrito, Cal, 1344 Devonshire Dr Beacon 4-4650
Queens Village, N Y, 8056—230 St Hollis 6500
Jasonols Chem Corp, 1085 Myrtle Ave, Brooklyn 6, N Y Evergreen 6-1130
JEFFERSON CHEM CO, INC, 260 Madison Ave, N Y 16 Murray Hill 6-7700
See Catalog Pg. 53-56
Chicago 2, Ill, 120 W Washington St Central 6-1683
Houston 2, Tex, 318 Melrose Bldg Central 7592
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio KL 3331
Baltimore 2, Md, Munsey Bldg LE 0609
Beckley, W Va, 403 City Ave 7351
Birmingham 3, Ala, 2210 3 Ave N 4-8516
Boston 16, Mass, 38 Newbury St KE 6-3305
Buffalo 2, N Y, Jackson Bldg CL 3240
Chicago 1, Ill, Bell Bldg FR 2-9785
Cincinnati 2, Ohio, Carew Tower MA 2867
Cleveland 15, Ohio, Hanna Bldg PR 8111
Denver 2, Col, 1726 Champa St TA 7015
Detroit 13, Mich, 5808 St Jean Ave WA 1-0393
Forty Fort, Pa, 166 Slocum St
Harlan, Ky, Main St 400
Houston 2, Tex, City National Bank Bldg BL 1132
Jacksonville 2, Fla, Exchange Bldg 5-5922
Milwaukee 2, Wis, 735 N Water St BR 2-5681
N Y 7, 30 Church St CO 7-0437
Pittsburgh 22, Pa, Oliver Bldg CO 2926
St Louis 1, Mo, Ry Exchange Bldg CE 5998
Salt Lake City 1, Utah, 101 W 2 S St 3-8878
C O Jelliff Mfg Corp, Pequot Rd, Southport, Conn Fairfield 9-1616
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass Somerset 6-7500
Jo-Bell Products, Inc, 4840 S St Louis Ave, Chicago 32, Ill Virginia 7-7811
Johns-Manville, 22 E 40 St, N Y 16 Lexington 2-7600
Akron 2, Ohio, 227 W Exchange St Jefferson 3137
Albany 1, N Y, 13 Northern Blvd 3-6684
Atlanta 3, Ga, 101 Marietta St Walnut 8820
Augusta, Ga, 916 Greene St 2-7773
Baltimore 2, Md, St Paul Pl & Franklin St Mulberry 1363
Birmingham 3, Ala, 1202 American Life Bldg 4-4749
Boston 16, Mass, 100 Newbury St Copley 7-6500
Buffalo 2, N Y, 220 Delaware Ave Cleveland 4338
Charleston 1, W Va, May Bldg 25-231
Charlotte 2, N C, Johnston Bldg 3-8844
Chicago 54, Ill, Merchandise Mart Plaza Delaware 7-1144

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

ETHYLENE OXIDE



DESCRIPTION . . . a colorless gas at room temperature and atmospheric pressure. At lower temperatures or at higher pressures it becomes a water-white liquid.

FOR USE AS . . . a starting material for the manufacture of acrylonitrile and nonionic surface active agents; a sterilizing agent and fumigant; and, in general, a very reactive chemical intermediate.

CONTAINERS . . . 4,000 and 10,000-gal. tank cars (I.C.C. Spec. 104 AW) and 400-lb. drums (I.C.C. Spec. 5P). I.C.C. label: Red

SALES SPECIFICATIONS . . . .

Water	0.25 wt. % max.
Aldehyde as Acetaldehyde	0.10 wt. % max.
Acidity as Acetic Acid	0.01 wt. % max.
Nonvolatile Residue	0.02 gm. per 100 ml. max.
Residual Odor	none
Appearance	water-white and substantially free of suspended matter

ETHYLENE GLYCOL

$HO\text{-}CH_2\text{-}CH_2\text{-}OH$

DESCRIPTION . . . a clear, water-white, practically odorless, hygroscopic liquid.

FOR USE AS . . . a permanent-type antifreeze; a heat transfer medium; a raw material in the manufacture of low-freezing dynamite; a starting material for the production of synthetic fibers and alkyd resins; a plasticizer; a constituent of hydraulic fluids; and a general solvent and chemical intermediate.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars and 55-gal. (500 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: None

SALES SPECIFICATIONS . . .

Water	0.5 wt. % max.
Acidity as Acetic Acid	0.01 wt. % max.
Ash	0.01 wt. % max.
Color, Pt-Co Scale	25 max.
Specific Gravity (15.6/15.6°C)	1.116 min.; 1.119 max.
Appearance	Substantially free of suspended matter
Boiling Range, ASTM, °C	IBP: 190° min.; EP: 210° max.

NOTE: *Jefferson Ethylene Glycol for antifreeze and other special uses is supplied with different specifications according to use requirements.*

DIETHYLENE GLYCOL $HO\text{-}CH_2\text{-}CH_2\text{-}O\text{-}CH_2\text{-}CH_2\text{-}OH$

DESCRIPTION . . . a clear, water-white, water-miscible liquid. It is hygroscopic and noncorrosive.

FOR USE AS . . . a dehydrating agent for natural gas; a moistening agent for tobacco, glue, and gelatin; a textile lubricant and coupling agent; a solvent in textile dyeing and printing; a constituent of hydraulic fluids; a chemical intermediate.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars; 55-gal. (500 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: None

SALES SPECIFICATIONS . . .

Water	0.30 wt. % max.
Acidity as Acetic Acid	0.02 wt. % max.
Ash	0.10 wt. % max.
Color, Pt-Co Scale	50 max.
Specific Gravity (15.6/15.6°C)	1.119 min.; 1.122 max.
Appearance	Substantially free of suspended matter
Boiling Range, ASTM, °C	IBP: 235° min.; EP: 255° max.

ETHYLENE DICHLORIDE $Cl\text{-}CH_2\text{-}CH_2\text{-}Cl$

DESCRIPTION . . . a colorless liquid with a chloroform-like odor.

FOR USE AS . . . an ingredient of tetraethyl lead fluid; a solvent for fats, oils, and waxes; a metal degreaser; a spotting agent for textile cleaning; a chemical intermediate for use in resin manufacture and in other processes.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars; 55-gal. (550 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: Red

SALES SPECIFICATIONS . . .

Acidity as HCl	0.001 wt. % max.
Specific Gravity (15.6/15.6°C)	1.2606 min.; 1.2626 max.
Appearance	Substantially free of suspended matter
Color, Pt-Co Scale	10 max.
Boiling Range, ASTM, °C	1.5° including 83.5°

NONYL PHENOL HO  C_9H_{19}

DESCRIPTION . . . a mixture of monoalkyl phenols, predominantly para-substituted. It is a pale yellow liquid of relatively high viscosity with a slight phenolic odor.

FOR USE AS . . . an anionic and nonionic surface active agent intermediate; a starting material for the manufacture of lubricating oil additives, stabilizers, petroleum demulsifiers, oil-soluble phenolic resins and plasticizers.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars and 55-gal. (410 lb. net) drums. I.C.C. label: None

SALES SPECIFICATIONS . . .

Hydroxyl Number	245 min.; 258 max.
Boiling Range, ASTM, °C (760 mm)	IBP: 287° min.; 5%: 290° min.; 95%: 302° max.
Specific Gravity (20/20°C)	0.94 min.; 0.95 max.
Color, Pt-Co Scale	300 max.
Appearance	Clear and substantially free of suspended matter

MONOETHANOLAMINE $HO\text{-}CH_2\text{-}CH_2\text{-}NH_2$

DESCRIPTION . . . a clear, water-white, hygroscopic liquid with a distinct ammoniacal odor.

FOR USE AS . . . a gas scrubbing agent for recovery of hydrogen sulfide and carbon dioxide; as a chemical intermediate in the manufacture of various surface active agents, rubber chemicals, and other materials; an agent in the manufacture of antibiotics.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars; 55-gal. (460 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: None

SALES SPECIFICATIONS . . .

Specific Gravity (20/20°C)	1.017 min.; 1.027 max.
Boiling Range, °C	IBP: 160° min.; EP: 176° max.
Equivalent Weight	61.0 min.; 63.0 max.
Color, Pt-Co Scale	20 max.

DIETHANOLAMINE $HO\text{-}CH_2\text{-}CH_2\text{-}NH\text{-}CH_2\text{-}CH_2\text{-}OH$

DESCRIPTION . . . a clear, colorless, hygroscopic liquid with a mild ammoniacal odor at higher than room temperature. At room temperature it is a white crystalline solid.

FOR USE AS . . . an intermediate in the manufacture of surface active agents used in textile specialties, herbicides, petroleum demulsifiers, etc.; as a gas scrubber in refinery operations; a rubber chemicals intermediate.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars; 55-gal. (480 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: None

SALES SPECIFICATIONS . . .

Specific Gravity (30/20°C)	1.0880 min.; 1.0950 max.
Color, Pt-Co Scale	40 max.
Diethanolamine	95 wt. % min.

TRIETHANOLAMINE $N(CH_2\text{-}CH_2\text{-}OH)_3$

DESCRIPTION . . . a clear, viscous, hygroscopic liquid at room temperature with a slight ammoniacal odor.

FOR USE AS . . . an intermediate in manufacture of surface active agents used in textile specialties, waxes and polishes, herbicides, petroleum demulsifiers, toilet goods, cement additives, cutting oils, etc.; a rubber chemicals intermediate.

CONTAINERS . . . 4000, 6000, 8000 and 10,000-gal. tank cars; 55-gal. (510 lb. net) drums; and, locally, tank wagons from bulk storage terminals. I.C.C. label: None

SALES SPECIFICATIONS . . .

Specific Gravity (20/20°C)	1.1220 min.; 1.1300 max.
Color, Pt-Co Scale	450 max.
Triethanolamine	80 wt. % min.
Monoethanolamine	2.5 wt. % max.
Diethanolamine	15 wt. % max.

Jefferson chemicals detailed in this catalog . . .

Ethylene Oxide	Nonyl Phenol
Ethylene Glycol	Monoethanolamine
Diethylene Glycol	Diethanolamine
Ethylene Dichloride	Triethanolamine

Note: Sales specifications on these products are subject to change.

. . . other Jefferson chemicals

Ethylene Carbonate	Ethylene Glycol Ethers
Propylene Carbonate	Diethylene Glycol Ethers
Morpholine	Polyethylene Glycols
Diethylethanolamine	Triethylene Glycol
Hydroxyethyl Morpholine	

BRANCH SALES OFFICES:

180 West Washington Street
Chicago 2, Illinois
Central 6-1683

318 Melrose Building
Houston 2, Texas
Central 7592

SALES AGENT:

Nelson A. Howard, Jr.
900 Wilshire Boulevard
Los Angeles 17, California
Madison 9-3401

WAREHOUSE STORES:

Tenafly, New Jersey
Chicago, Illinois
Houston, Texas

PLANT:

Port Neches, Texas

RESEARCH LABORATORIES:

Austin, Texas

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y. · MURRAY HILL 6-7700

Cincinnati 2, Ohio, Central Pkwy at Walnut St Parkway 5840
Cleveland 15, Ohio, 45 Prospect Ave N W Main 1-5151
Columbus 15, Ohio, 12 N 3 St Adams 3263
Corpus Christi 1, Tex, 401 N Tancahua St 4-4220
Dallas 12, Tex, 1019 Dragon St Central 7141
Dayton 2, Ohio, 11 W Monument Ave Hemlock 1161
Denver 2, Col, 1755 Glenarm Pl Keystone 6378
Detroit 2, Mich, Grand Blvd at 2 St Trinity 5-3300
East Orange (Newark), N J, 604 Central Ave Orange 5-3300
Erie, Pa, G Daniel Baldwin Bldg 22-594
Grand Rapids 2, Mich, 201 Monroe Ave N W 9-3588
Houston 4, Tex, 3115 Blodgett St Justin 2483
Indianapolis 8, Ind, 19 W 38 St Wabash 3391
Jacksonville 2, Fla, Consolidated Bldg 6-3951
Kansas City 8, Mo, 2010 McGee St Grand 0202
Knoxville 2, Tenn, Hamilton National Bank Bldg 3-0210
Lake Charles, La, 332 Kirby St 6-9437
Los Angeles 13, Cal, 816 W 5 St Michigan 6011
Louisville 2, Ky, Louisville Trust Bldg Wabash 0931
Milwaukee 2, Wis, 757 N Broadway Marquette 8-6220
Minneapolis 2, Minn, Baker Bldg Atlantic 3408
New Orleans 9, La, 2400 Canal St Magnolia 6721
N Y 16, 270 Madison Ave Lexington 2-7600
Oakland 12, Cal, 600 16 St Glencourt 1228
Omaha 8, Neb, 918 Farnam St Atlantic 6060
Phila 3, Pa, 1617 Pennsylvania Blvd Rittenhouse 6-7850
Pittsburgh 19, Pa, Koppers Bldg Atlantic 1-4040
Portland, Me, 142 High St 2-1671
Portland 5, Ore, Terminal Sales Bldg, 1220 S W Morrison St Broadway 5481
Providence 3, R I, 111 Westminster St Gaspee 1-9687
Richmond 19, Va, Main & 9 Sts 2-2142
Rochester 4, N Y, 154 East Ave Locust 8897
St Louis 1, Mo, 1000 Market St Central 3940
St Paul 1, Minn, Pioneer Bldg Garfield 1191
Salt Lake City 1, Utah, 403 Dooly Block 4-2407
San Antonio 6, Tex, 404 W Nueva St Cathedral 6143
San Francisco 5, Cal, 116 New Montgomery St Douglas 2-4353
Seattle 9, Wash, 777 Thomas St Elliott 8070
South Bend 9, Ind, 110 E Madison St 3-6260
Syracuse 3, N Y, P O Box 1145 9-7421
Toledo 2, Ohio, 1220 Madison Ave Adams 4196
Tulsa 1, Okla, 1701 E 7 St 3-9181
Washington 5, D C, 15 & H Sts N W National 5796
Wilkes-Barre, Pa, S Franklin & W Market Sts 2-5118
Youngstown 3, Ohio, 211 N Champion St 7-5320

Johnson-Williams, Ltd, 2625 3 St, Palo Alto, Calif DAvenport 2-1531

Johnston & Jennings Co Div, Pettibone Mulliken Corp, 4700 W Division St, Chicago 51, Ill Spaulding 2-9300

Johnston Pump Co, 3272 E Foothill Blvd, P O Box 591-M, Pasadena 8, Cal Sycamore 6-9195
N Y 20, 30 Rockefeller Plaza Circle 6-6260

N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa LI 9-1353

John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y 84
Beech Grove, Ind, 600 Bethel Ave Idlewood 1443
Charlotte, N C, 610 McNinch St 6-7790
Jacksonville, Fla, 2365 Dennis St Jax 4-5503
N Y 6, 21 West St Bowling Green 9-7877
Torrance, Cal, 1904 Border Ave Fairfax 8-6383

Enos F Jones Chem Co, 14 Florence St, Jersey City 4, N J Worth 4-6146

R A Jones & Co, Inc, P O Box 485, Cincinnati 1, Ohio Ax 1104
Chicago 39, Ill, 5807 W North Ave Tuxedo 9-0273
Los Angeles 7, Cal, 2021 S Hill St Richmond 7-5424
St Albans 11, N Y, 114-20 210 St Hollis 4-3428
San Francisco 11, Cal, 420 Market St Sutter 1-3839

Jones-Dabney Co, 1481 S 11 St, Louisville, Ky Magnolia 6900

Los Angeles, Cal, 3951 Medford St Angeles 9-3149
Newark 5, N J, Delancey & Rutherford Sts Mitchell 2-5603

Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa Court 1-7400

Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill Portsmouth 7-6570

Joy Chem, Inc, 133 Webster St, Pawtucket, R I 2-2700

Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa GR 1-2145

Birmingham, Ala, 601 10 St N (Crandall Engrg Co)
Boston 15, Mass, 88 Brookline Ave
Butte, Mont, 24 W Granite St
Centralia, Ill, 5 & Chestnut
Chicago 6, Ill, 560 W Washington Blvd
Commerce, Okla, 111 Commerce St
Dallas 9, Tex, 6540 Hines Blvd
Denver 2, Col, 1626 Wazee St (Schloss & Schubart)
Detroit 21, Mich, 15820 James Couzens Hwy
Duluth, Minn, 1 E Michigan St
El Paso, Tex, 117 N Kansas St
Fairmont, W Va, P O Box 1046
Forty Fort, Pa, 155 Welles St
Huntington 14, W Va, 742 8 Ave
Kellogg, Idaho, N I Division St
Knoxville, Tenn, 108 W Main Ave
Los Angeles 22, Cal, 5426 E Washington Blvd
Middlesboro, Ky, 609 N 19 St
N Y 6, 140 Cedar St
Phila 3, Pa, 1617 Pennsylvania Blvd
Pittsburgh 13, Pa, 4107 Sennott St
Portland 9, Ore, 1631 N W Thurman St
St Louis 10, Mo, 4235 Clayton Ave
Salt Lake City 15, Utah, 1359 S 2 W St
San Francisco 2, Cal, 155 Fell St
Seattle 4, Wash, 3410 1 Ave S
Spokane, Wash, S 121 Monroe St
Washington 5, D C, 1000 Vermont Ave N W

K

Kaiser Aluminum & Chem Sales Inc, 919 N Michigan Ave, Chicago 11, Ill Whitehall 4-0890

Atlanta, Ga, 161 Spring St Bldg
Boston 10, Mass, 201 Devonshire St
Chicago 1, Ill, 360 N Michigan Ave
Cincinnati 2, Ohio, 411 Union Central Life Bldg
Cleveland 14, Ohio, 2002 NBC, 815 Superior Ave
Dallas 1, Tex, 402 Thomas Bldg, 1314 Wood St
Davenport, Iowa, 220 Main St
Denver 2, Col, 410 University Bldg, 910 16 St
Detroit 2, Mich, Fisher Bldg
Houston 2, Tex, Merchants & Manufacturers' Bldg, 1 Main St
Indianapolis, Ind, Guaranty Bldg, 20 N Meridian St
Kansas City 6, Mo, Fairfax Bldg, 101 W 11 St
Los Angeles 13, Cal, 670 Subway Terminal Bldg, 417 S Hill St
Milwaukee 3, Wis, 710 N Plankinton Ave
Minneapolis, Minn, 1540 Rand Tower
N Y 17, Lincoln Bldg, 60 E 42 St
Oakland 12, Cal, 1924 Broadway
Phila 3, Pa, 1616 Walnut St
Portland, Ore, 703 Public Service Bldg, S W 6 & Taylor
Rochester 14, N Y, 815-816 Genessee Valley Trust Co Bldg, 415 Exchange at Broad St
St Louis 5, Mo, 4 Jaccard Bldg, 7 N Brentwood Blvd
Seattle 4, Wash, 308 Hoge Bldg
Spokane 6, Wash, P O Box 1451
Wichita 2, Kan, 213 S Main St

Kaiser Aluminum & Chem Sales Inc, Chem Div, 1924 Broadway, Oakland 12, Cal Twinoaks 3-4600

Akron 8, Ohio, 1422 First National Tower Blackstone 6105
Hammond, Ind, 5231 Holman Ave Russell 8140
Houston 4, Tex, 4101 San Jacinto Linden 6489
Los Angeles 48, Cal, 435 S Sal Clenega Bradshaw 2-6711
San Marino, Cal, 2304 Huntington Dr Cumberland 3-1540
Seattle 4, Wash, Hoge Bldg Main 1001

Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich 2-0134
Kali Mfg Co, 427 E Moyer St, Phila 25, Pa RE 9-2370
Kalo Co, Agkem Div, 506 Maine St, Quincy, Ill 194

Kano Labs, 1000 S Thompson Lane, Nashville 11, Tenn 4-3519

W A Kates Co, 430 Waukegan Rd, Deerfield, Ill 950
Kawecki Chem Co, Inc, 220 E 42 St, N Y 17 Mu 2-7143
Kay-Fries Chem Inc, 180 Madison Ave, N Y 16 Murray Hill 6-0661

Kaye & MacDonald Inc, 15 Central Ave, W Orange, N J Orange 4-8060

West Orange, N J, 15 Central Ave (d'Este Div) Orange 4-8060

O C Keckley Co, 400 W Madison, Chicago, Ill FR 2-4576
Springfield, Ill, 2700 Yale Blvd 7611

Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass Hancock 6-0416

Kelding Paper Products Co, 3048 N 34 St, Milwaukee 10, Wis Custer 3-5470

Lancaster, Pa, 312-320 E Walnut St 4-5723

Kelco Co, 31 Nassau St, N Y 5 Beekman 3-7367

Chicago 6, Ill, 20 N Wacker Dr
Los Angeles 14, Cal, 530 W 6 St

M W KELLOGG CO, 225 Broadway, N Y 7 Worth 4-3900
See Catalog Pg. 58

Boston, Mass, 80 Boylston St Liberty 2-2662
Buffalo, N Y, 63 W Grimsby Rd Delaware 5511

Spencer Kellogg & Sons Inc, Buffalo 5, N Y CL 5850

Kem Products Co, Inc, 227-229 High St, Newark 2, N J Humboldt 3-5331

Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J Essex 3-7440

Kendall Refining Co, Bradford, Pa 9355
Batavia, N Y, 643 E Main St 2087
Buffalo, N Y, 102 Rapin Pl Humboldt 0640
Fairview, Pa, R F D #1—Dutch Rd 2245
Jamestown, N Y, 8 & Monroe St 5885
Lockport, N Y, 19 Buffalo St 3-9555

Kennedy Car Liner & Bag Co, Inc, Shelbyville, Ind 477

Chicago, Ill, 400 W Madison St Central 6-5445
Cleveland 15, Ohio, 801 Caxton Bldg Cherry 1-1341
Detroit 7, Mich, 2941 E Warren Ave Walnut 1-4646
N Y 18, 24 W 40 St Longacre 5-6165
Phila, Pa, 5 & Chestnut Sts Lombard 3-6747

Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y 3-4646

Chicago 7, Ill, 1306-12 S Canal St Canal 6-2776
N Y 13, 161 6 Ave Algonquin 5-4494
San Francisco 3, Cal, 350 10 St Hemlock 1-0643

Kentile Inc, 58 2 Ave, Bklyn 15, N Y South 8-9500

Atlanta, Ga, 225 Moore St Alpine 4828
Chicago, Ill, 4532 S Kolin St Lafayette 3-6815
Cleveland, Ohio, 1211 NBC Bldg Superior 1-0121
Kansas City, Mo, 2020 Walnut St Baltimore 0820
Los Angeles, Cal, 4501 Santa Fe Ave Logan 5-6251
Phila, Pa, 707 Arch Bldg Locust 7-4641

Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky Arlington 2417

Bklyn, N Y, 23 Flatbush Ave Nevins 8-2350
Chicago, Ill, 9 S Clinton St Dearborn 2-6646
Phila, Pa, 1421 Chestnut St Locust 7-0567

Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis Broadway 1-4452

Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa Grant 1-2584

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Baltimore, Md
Charleston, W Va
Chicago, Ill
Columbus, Ohio
Houston, Tex
Los Angeles, Cal
N Y
Odessa, Tex
Richmond, Va
St Louis, Mo
Tulsa, Okla

Kessler Chem Co, Inc, State Rd & Cottman Ave, Phila 35, Pa Devonshire 8-0800

Kewaunee Mfg Co, Adrian, Mich 1840
Birmingham, Ala, 2008 8 Ave S 59-1480
Evanston, Ill, 715 Sheridan Rd Greenleaf 5-7026
N Y, 220 E 42 St Vanderbilt 6-4062
Phila 2, Pa, Commercial Trust Bldg Locust 7-2655
Washington, D C, 6400 Georgia Ave N W Randolph 6-0005

Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill Bridge 2400

Chicago, Ill, 332 S Michigan Ave Harrison 7-9847
Cleveland, Ohio, 1900 Euclid Ave, 425 Citizens Bldg Cherry 1-4827
Houston, Tex, 1812 Second National Bank Bldg Preston 7461
Los Angeles, Cal, 325 W 17 St PR 0291
N Y, 420 Lexington Ave Lexington 2-2616
Tulsa, Okla, Wright Bldg 3-4047

Keystone Refractories Co, 120 Liberty St, N Y 6 Barclay 7-8765

Walter Kidde & Co, Inc, 498 Main St, Belleville 9, N J 9-5000
Atlanta, Ga, 101 Marietta St N W Main 0677
Chicago, Ill, 1325 W Randolph St Seeley 8-2724
Dallas, Tex, 3012 Maple Ave Sterling 3329
Detroit, Mich, 3900 Grandy Ave Walnut 3-5600
Los Angeles, Cal, 4845 W Exposition Blvd Republic 3-0158

Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio MA 3871

Kieley & Mueller Inc, 2013 43 St, N Bergen, N J Union 3-2828

Kimberly-Clark Corp, Neenah, Wis 2-3311
Atlanta 5, Ga, 900 Peachtree St N E Emerson 2741
Chicago, Ill, 8 S Michigan Ave Central 6-9700
N Y, 250 Park Ave Plaza 5-4201
San Francisco, Cal, 155 Sansome St Douglas 2-4216

E & F King & Co, Inc, 640 Pleasant St, Norwood, Mass 7-3113

King Chem Co, 31 New Haven R R St, Mt Vernon, N Y 8-4078

Kingston Chem Co, Inc, 15 William St, N Y 5 Whitehall 4-0007

Kinney Mfg Co, 3529 Washington St, Boston 30, Mass Jamaica 4-3220
Chicago, Ill, 122 S Michigan Ave Harrison 7-5082
Cleveland, Ohio, 2036 E 22 St Tower 1-7292
Los Angeles, Cal, 3942 W Slauson Ave Axminster 1-5832
N Y, 30 Church St Cortland 7-2642
Phila, Pa, 717 Commercial Trust Bldg Rittenhouse 6-5875

S P Kinney Engrs Inc, 201 2 Ave, Carnegie, Pa 2312

Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio Elmhurst 1400

Morris P Kirk & Son, Inc, 2717 S Indiana St, Los Angeles 23, Cal Angelus 2-1101
Emeryville, Cal, 4050 Horton St Olympia 3-7533
Fresno, Cal, 845 Topeka Ave 6-2209
Phoenix, Ariz, 1011 N 21 Ave 8-0922
Portland, Ore, 5909 N W 61 Ave Capitol 1956
Salt Lake City, Utah, 977 S 6 West St 4-6436
Spokane, Wash, N 4211 Post St Broadway 0183

Kleen-Glo Chem Corp, 303 5 Ave, N Y 16 Murray Hill 9-1910

Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill Vincennes 7118

Klem Chem Inc, 14401 Lanson, Dearborn, Mich Tiffany 6-2600

Emil Klemm Inc, 88 1 St, Salt Lake City, Utah 22-0640

Knapp Mills Inc, 23-15 Borden Ave, L I C, N Y Ravenswood 9-8550

Baltimore, Md, 708 S Caroline St Eastern 3658
Wilmington, Del, Foot of West St 6-1661

Knefler-Bates Co, Box 474, Indianapolis, Ind Franklin 9612

Maurice A Knight, 171 Kelly Ave, Akron 6, Ohio Parkway 1277

Knight Inc Div, Dresser Equipment Co, 3040 E Slauson Ave, Huntington Park, Cal Kimball 1271

Cleveland, Ohio, 615 NBC Bldg, 815 Superior Ave Cherry 1-[illegible]
Ft Worth, Tex, 701 Flatiron Bldg Fannin 1220
Houston, Tex, 1619 Ouid St Atwood 2331
Tulsa, Okla, 335 Kennedy Bldg 2-3153

Koch Engrg Co, Inc, 321 W Douglas, Wichita, Kan LD 232

N Y 20, 30 Rockefeller Plaza Circle 6-6260

H Kohnstamm & Co, Inc, 89-93 Park Pl, N Y 7 Barclay 7-9760

Albany, N Y, 11 Pruyn St 3-4203
Atlanta, Ga, P O Box 96, Sta A Main 4110
Baltimore 2, Md, 315 Guilford Ave Lexington 1629
Boston 27, Mass, 5 Elkins St (S Boston) S Boston 2319
Buffalo 4, N Y, 100 Perry St Madison 1150
Chicago 11, Ill, 11-13 E Illinois St Superior 7-6174
Cincinnati 23, Ohio, 1314 Bates Ave Kirby 8844
Cleveland 15, Ohio, 2775 Pittsburgh Ave Cherry 4433
Columbia, S C, 701 College St (Carolina Bonded Storage Co)

KELLOGG — SUBSIDIARY OF PULLMAN INCORPORATED

KEL-F

*Reg. U.S. Pat. Off.

VOLUME-PRODUCTION PRICING NOW RADICALLY BROADENS SCOPE OF APPLICATIONS FOR THIS UNIQUE THERMOPLASTIC

Currently available in vastly increased volume from new mass-production facilities *at a fraction of its original cost*, Kel-F® should now prove the convenient and economically-sound specification—as well as the technically superior one—for most critical and semi-critical applications. An important economic factor which designers and engineers should evaluate carefully when making material comparisons is that only small amounts of Kel-F are required to meet the most severe service conditions . . . because of the polymer's unique properties.

LEADING MOLDERS NOW OFFER KEL-F PARTS AND BASIC MATERIALS

More than 50 leading molders in the country are prepared to deliver Kel-F tubing, rod, sheet, film and strip in a variety of sizes and types of material. Many of these are supplying not only these basic fabricating materials but are also producing finished parts by the standard methods such as compression, transfer, injection and extrusion molding.

TECHNICAL BULLETINS, SERVICES NOW AVAILABLE . . .

Detailed data—in bulletin form—on physical properties, molding techniques, dispersions and other Kel-F polymer products are available. The Chemical Manufacturing Division's Technical Service Department and Molding Research Laboratory have been augmented to offer additional help to design and materials engineers, as well as molders, in the use of this unique material.

Chemical Manufacturing Division

The* M. W. KELLOGG *Company

P. O. Box 469 • Jersey City 3, N. J.

In N. Y. WOrth 4-6775 **In N. J. DElaware 3-3100**

BASIC KEL-F MATERIALS AVAILABLE

(Order *direct* from Kellogg)

Molding Powders	Unplasticized	#300 — for high temperature service #270 — for less severe temperatures
	Plasticized	#300-P 25 . . . with 25% Plasticizer (Other plasticized compositions to order)
Dispersions		NW-25 — Flows readily at fusion temperatures N-1 — High molecular weight
Oils, Waxes and Greases		Five grades — from Light Oil to Hard Wax — are available. Details on request.

USE KEL-F when applications require —

Properties

CHEMICAL INERTNESS

No effect has been observed after prolonged exposure of Kel-F to concentrated sulfuric, hydrofluoric and hydrochloric acids; to strong caustics; to fuming nitric acid, aqua regia, hydrogen peroxide and other vigorous oxidizing materials. It is equally resistant to most organic solvents.

ELECTRICAL RESISTANCE

Kel-F has high resistance to electricity . . . is a poor conductor of heat . . . and its electrical properties are superior to most plastics. Dielectric constant is in the range of the best available materials.

ZERO MOISTURE ABSORPTION

In continuous tests, Kel-F exhibited zero water absorption. It is not wet by water . . . is unaffected by high humidity or tropical exposure.

WIDE TEMPERATURE RANGE

Kel-F performs satisfactorily over a temperature range of 710 fahrenheit degrees — from a low of —320° F (liquid nitrogen) to a high of 390° F.

MECHANICAL STRENGTH

Kel-F has high tensile strength on the order of 6000 psi at 77° F . . . excellent impact strength and abrasion resistance; compressive strength of 32,000 to 80,000 psi.

SUPERIOR MEMORY

Kel-F exhibits "cold-flow" characteristics superior to any other commercial fluoro-carbon. While it deforms slightly under pressure, it returns to original shape when pressure is released.

MOLDABILITY — MACHINABILITY

Kel-F is molded by all standard methods — compression, transfer, injection and extrusion. It is readily punched, drilled or otherwise machined to close tolerances.

PURCHASE KEL-F in any desired form —

Products

FABRICATED PRODUCTS

Gaskets
Washers
"O" Rings
"U" Packing
Valve Discs
Valve Seats
Valve Diaphragms
Pump Diaphragms
Resilient-Core "O" Rings
Hose Assemblies
Porous Filters
Drum and Tank Liners
Flexible Non-Corrosive Container
Blown Bottles
Machined Fittings
Drum Plugs
Guage "Glasses"
Coated Wire
Coated Hook-up Wire
Coil Forms
Transformer Terminals
Multi-lead Terminals
Rotary Switches
Tube Socket Bases
Aerial Supports
Resistor Sleeves
Kel-F filled with mica, glass fibre, etc.

FABRICATED MATERIAL

Molded Sheets
Thickness — ¼" to ½"
Diameter—in disc form to 60"

Extruded Rod
Diameter — up to 1"
Length — to specification

Molded Rod
Diameter — up to 4"
Length—to 24"

Extruded Tubing
Diameter — up to 2"
Wall thickness — to specification
Length — to specification

Extruded Strip
Thickness — .010" to .125"
Width — 2" to 4"
Length — to specification

Thin Film
(EXTRUDED AS LAY-FLAT TUBING)
Thickness — .002" to .010"
Width — lay-flat up to 20" (total width to 40")

Extruded Wire Coatings
To specification

THE ONLY COMMERCIAL FLUORO-CHLORO-CARBON THERMOPLASTIC

WIDE VARIETY IN FORM

Kel-F is available in film, sheet, rod and tubes from recognized molders. As a dispersion for spray or dip application and in forms of oils, greases and waxes it is available direct from Kellogg.

A "BUYERS GUIDE" listing the molders, extruders, fabricators and coaters furnishing the above and other items available on request.

® *Registered trademark for The M. W. Kellogg Company's trifluorochloroethylene polymers.*

Dallas 1, Tex, 3601 Main St Prospect 4323
Denver 17, Col, 1700 15 St Main 3221
Detroit 16, Mich, 1627 W Fort St
Greensboro, N C, Washington & Macon St (South Atlantic Bonded Warehouse) 2-4163
Houston 1, Tex, 2020 Lyons Ave Charter 4786
Indianapolis 4, Ind, 318 W Georgia St Lincoln 0236
Jacksonville, Fla, 502 E Bay St (Peninsula Warehouse) Jackson 5-2790
Kansas City 8, Mo, 311 W 19 St Victor 5938
Los Angeles 11, Cal, 4735 District Blvd Lafayette 1226
Memphis, Tenn, 150 W Georgia St 8-6744
Minneapolis 1, Minn, 6-8-10 E Hennepin Ave
New Orleans 12, La, 519 Poydras St Magnolia 2481
Oakland 7, Cal, 898 Isabella St Glencourt 2-3688
Omaha 8, Neb, 1307 Leavenworth St Atlantic 0926
Phila, Pa, Lois & Lemuel Ave Woodlawn 3-1150
Pittsburgh 12, Pa, 1320 Penn Ave Court 1-4000
Portland 9, Ore, 1238 N W Glisan St Broadway 1281
St Louis 4, Mo, 2347-9 Rutger St Laclede 6430
San Antonio, Tex, 123 Merchants St Travis 9198
Seattle 4, Wash, 1016 1 Ave S (Hullin Terminal Warehouse Co) Seneca 2577

V & E Kohnstamm Inc, 329 Canal St, N Y 13 Walker 5-1504

Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich 4-4531

Kolker Chem Works Inc, 80 Lister Ave, Newark 5, N J Market 2-6838
Houston, Tex, P O Box 9637 Glendale 3-7146

Kolon Trading Co, Inc, 15 Park Row, N Y 38 Beekman 3-8820

Komline-Sanderson Engrg Corp, Peapack, N J 8-0474

Koppers Co, Inc, Koppers Bldg, Pittsburgh 19, Pa Express 1-3300
Chemical Division
Boston 16, Mass, 250 Stuart St Hancock 6-1700
Chicago 3, Ill, 122 S Michigan Ave Webster 9-2400
Detroit 26, Mich, 154 Bagley Ave Woodward 3-3396
Los Angeles, Cal, 3450 Wilshire Blvd Dunkirk 8-0676
N Y 1, 350 Fifth Ave Longacre 4-1130
Phila 3, Pa, 887 Broad St Sta Bldg Locust 4-1110
Metal Prdoucts Div
Chicago 3, Ill, 122 S Michigan Ave Webster 9-2400
Detroit 26, Mich, 154 Bagley Ave Woodward 3-3396
N Y 1, 350 Fifth Ave Longacre 4-1130
Phila 3, Pa, 887 Broad St Sta Bldg Locust 4-1110
Tar Products Div
Boston 16, Mass, 250 Stuart St Hancock 6-1700
Chicago 3, Ill, 122 S Michigan Ave Webster 9-2400
Detroit 26, Mich, 154 Bagley Ave Woodward 3-3396
Los Angeles, Cal, 3450 Wilshire Blvd Dunkirk 8-0676
N Y 1, 350 Fifth Ave Longacre 4-1130
Phila 3, Pa, 887 Broad St Sta Bldg Locust 4-1110

L O Koven & Bro Inc, 154 Ogden Ave, Jersey City 7, N J Journal Square 4-8600

Kraft Bag Corp, 630 5 Ave, N Y 20 Circle 7-2860
Chicago, Ill, Daily News Bldg Financial 6-4477
St Marys, Ga 157

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill Seeley 3-1919

Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y Stillwell 4-5075

Kuljian Corp, 1200 N Broad St, Phila 21, Pa Stevenson 2-9000
Washington 6, D C, 1832 K St District 1989

L

L & R Organic Products Co, Inc, 50 White St, N Y 13 Canal 6-0606

Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill Reliance 5-4700

L J & M La Place, Leliarts Lane, E Paterson, N J Fair Lawn 6-4850

Laboratory Equipment Corp, St Joseph, Mich 3-4220

Laboratory Furniture Co, Inc, P O Box 590, Mineola, N Y Garden City 3-3600

LaBour Co, Inc, Elkhart, Ind 2-7365
Hammond, Ind, P O Box 788 Essex (Chicago) 5-2840

Lac Chem Inc, 8512 Hays St, Culver City, Cal Texas 0-2172

Lack Chem Co, Inc, 19 Park Pl, N Y 7 Cortlandt 7-5942

Lacquer Specialties, Inc, 249 Ave P, Newark 5, N J Mitchell 2-7627

Ladish Co, Cudahy, Wis Humboldt 3-6700
Atlanta, Ga, Miller Bldg Vernon 8855
Buffalo, N Y, Rand Bldg Cleveland 6477
Chicago, Ill, McCormick Bldg Harrison 7-8698
Cleveland, Ohio, Hanna Bldg Tower 1-0642
Houston, Tex, Prudential Bldg Linden 7557
Los Angeles, Cal, Petroleum Bldg Prospect 1397
N Y, Lincoln Bldg Murray Hill 2-7663
Phila, Pa, Broad-Locust Bldg Kingsley 5-5623
Pittsburgh, Pa, Frick Bldg Atlantic 1-0865
St Louis, Mo, Continental Bldg Lucas 4175
St Paul, Minn, 2200 University Ave Prior 3909
San Francisco, Cal, Tilden Sales Bldg Yukon 2-2992
Tulsa, Okla, Thompson Bldg 5-1291

Laminex Corp, 994 Jefferson St, Fall River, Mass

Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill

LaMotte Chem Products Co, Towson, Baltimore 4, Md Towson 1700

Lamson Corp, 2650 Lamson St, Syracuse 1, N Y 73-0221
Atlanta, Ga, 97 Cone St Walnut 9609
Baltimore 1, Md, 100 N Eutaw St
Buffalo 21, N Y, 115 Lorfield Dr
Charlotte, N C, 563 B Wakefield Dr
Cheshire, Conn, P O Box J
Chicago, Ill, 505 N LaSalle St Whitehall 4-3262
Cincinnati 27, Ohio, 6739 Cambridge Ave
Cleveland, Ohio, 5103 Detroit Ave Olympic 1-4000
Dallas 5, Tex, 2733 Rosedale Ave
Detroit 35, Mich, 18055 Jas Couzens Hway
Houston 18, Tex, 1446 Wakefield Dr
Indianapolis, Ind, 1222 N Riley
Kansas City 13, Mo, 7808 Wyoming St
Los Angeles 15, Cal, 306 E Washington Blvd
N Y, 295 Madison Ave Murray Hill 9-2340
Phila 7, Pa, 12 S 12 St
St Louis 10, Mo, 6223 Simpson Ave
San Francisco, Cal, 555 Bryant St Sutter 1-8852
Seattle 9, Wash, 2202 1 Ave W
Sewickley, Pa, P O Box 342
Winchester, Mass, 120 Wildwood St

Lanaetex Products Inc, P O Box 52, Sta A, Elizabeth 1, N J 2-7568

Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I Gaspee 1-4197

J Landau Co, 221 Wooster St, N Y 12 Algonquin 4-3343
Carlstadt, N J, Washington Ave Rutherford 2-0781

Landen Putty Works, Inc, 45 Irving St, Malden 48, Mass 2-7740

Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y Main 5-1041

Lapaco Chem, Inc, 1800 Glenrose Ave, Lansing, Mich 4-8415

Lapp Insulator Co, Inc, 33 Gilbert St, LeRoy, N Y 385

Lautier Fils, Inc, 321 5 Ave, N Y 16 Murray Hill 9-7980

Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass 2-4834
Chicago, Ill, 230 E Ohio St Michigan 2-2593
N Y, 75 West St Bowling Green 9-7544
Phila, Pa, Commercial Trust Bldg Locust 7-4366

Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass 5145

Layne & Bowler, Inc, Box 6697, Hollywood Sta, Memphis 8, Tenn 7-4400
Albany, Ga, Sylvester Rd (Layne Atlantic Co) 3178
Ames, Ia, 923 N 2 St (General Filter Co) 226
Ames, Ia, South Duff (Layne Western Co) 3470
Arlington, Mass, 15 Ryder St (Layne-New York Co Inc) 5-5898
Aurora, Ill, 721 Illinois Ave (Layne Western Co) 4261
Billings, Mont (Layne-Minnesota Co) 9-8146
Camden, N J, 431 Market St (Layne-New York Co Inc) Woodlawn 4-1071
Columbus 8, Ohio, 1100 W Town St (Layne Ohio Co) Fletcher 3803
Dallas 19, Tex, 6419 Maple Ave (Layne Texas Co, Ltd) Dixon 7596
Glen Burnie, Md (Layne Atlantic Co) 900
Houston 11, Tex, 5402 Lawndale Ave (Layne Texas Co Ltd) Wentworth 7603
Indianapolis, Ind, 227 W Edwards Ave (Layne Northern Co) Garfield 4597
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Kansas City 2, Mo, 1010 W 39 St (Layne Western Co) Westport 2353
Lake Charles, La, 915 Front St (Layne Louisiana Co) 9623
Lansing 6, Mich, 2000 N Turner St (Layne Northern Co) 4-0929
Linden, N J, 1200 W Elizabeth St (Layne-New York Co Inc) 2-3377
Lubbock, Tex, 4607 Ave H (Layne Pumps Inc) 3-1929
Memphis 8, Tenn, 2075 Chelsea Ave (Layne Central Co) 7-2324
Midland, Tex, 3103 Douglas Dr (Layne Texas Co Ltd) 4-4202
Milwaukee 13, Wis, 6005 W Martin Dr (Layne-Northwest Co) Spring 4-9221
Minneapolis, Minn, 3140 Snelling Ave (Layne-Minnesota Co) Parker 6668
Mishawaka, Ind, 401 S DeLorenzi Ave (Layne Northern Co) 5-3939
Monroe, La, 100 Renwick St (Louisiana Well Co) 3-3424
Montgomery 4, Ala, 601 First National Bank Bldg (Layne Central Co) 3-5446
N Y, 92 Liberty St (Layne-New York Co Inc) Courtland 7-2137
Norfolk, Va, 3322 Cromwell Rd (Layne Atlantic Co) 2-7141
Omaha 11, Neb, 4430 Commercial Ave (Layne Western Co) Kenwood 5888
Orlando, Fla, 1107 S Orange Blossom Trail (Layne Atlantic Co) 3-7637
Pittsburgh 6, Pa, 712 Highland Bldg (International Water Corp) Emerson 1-0003
Pittsburgh 6, Pa, 713 Highland Bldg (Layne-New York Co Inc) Highland 1-2109
St Louis 22, Mo, 10408 Manchester Rd (Layne Western Co) Terryhill 3-2578
Savannah, Ga, 49 Rommel Ave (Layne Atlantic Co) 7854
Stuttgart, Ark (Layne Arkansas Co) 881
Wichita 12, Kan, 1011 Wheeler St (Layne Western Co) 4-5745

Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass CR 9-0020

Leader Iron Works, Inc, 2100 N Jasper St, Decatur, Ill 8-2103

Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa Regent 9-6324

Lebanon Steel Foundry, Lebanon, Pa 6068
Houston, Tex, 1505 Commerce Bldg Preston 0675
West Newton 65, Mass, 29 S Gate Park Decatur 2-3093

Lecourtenay Co, 5 Main St, Newark, N J Market 3-2905
N Y, 30 Rockefeller Plaza CI 7-1224

Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa Michigan 4-4900
Atlanta 5, Ga, 3084 Grandview Ave Cherokee 6082
Boston (Auburndale) 66, Mass, 430 Lexington St Lasell 7-9360
Buffalo 2, N Y, 374 Delaware Ave Washington 7823
Chicago 1, Ill, 307 N Michigan Ave Central 6-3428
Cincinnati 2, Ohio, Central Pkwy & Walnut St Main 3312
Cleveland 15, Ohio, 1621 Euclid Ave Tower 1-5430
Detroit 35, Mich, 18240 James Couzens Hway Diamond 1-2320
Houston 5, Tex, 2480 Times Blvd Lynchburg 3423
Los Angeles 22, Cal, 5111 Via Corona Ave Angelus 9-3191
N Y 17, 60 E 42 St Vanderbilt 6-4133
Pittsburgh 12, Pa, 119 Federal St N S Allegheny 1-0900
St Louis 8, Mo, 3615 Olive St Newstead 4464
San Francisco 3, Cal, 1095 Market St Market 1-3464
Seattle, Wash, 603 Stewart St Elliot 5505
Tulsa 3, Okla, 8 E 4 St 4-3720
West Hartford 7, Conn, 10 N Main St Hartford 32-4474

Leffingwell Chem Co, 10515 S Santa Gertrudes Ave, Whittier, Cal Oxford 7-1716
Bostonia, Cal, P O Box P Hilldale 4-8692
Chula Vista, Cal, Box 492 Hancock 2-4303
Escondido, Cal, P O Box 39 820
La Verne, Cal, Box 7 Lycoming 4-2111
Orange, Cal, 11736 Hway 101 1971
San Fernando, Cal, 16043 S Rinaldi Empire 1-2263

Legion Chem, Inc, 70 Wall St, N Y 5 Digby 4-7032

Legrand Chem Corp, 103 50 St, Bklyn 32, N Y Sterling 8-3166

J M Lehmann Co, Inc, 559 New York Ave, Lyndhurst, N J Rutherford 2-7890

E Leitz Inc, 468 4 Ave, N Y 16 Murray Hill 4-3700

The Leland Elec Co, Div of American Machine & Foundry Co, 1501 Webster St, Dayton 1, Ohio Michigan 0701
Chicago, Ill, 400 W Madison St Franklin 2-4724
Dayton, Ohio, 1501 Webster St MI 0701
Detroit Mich, 11833 Hamilton Ave Townsend 8-3322
Fort Wayne, Ind, 1325 Lincoln Tower Anthony 1430
Lancaster, Pa, 150 E King St 2-5838
New York N Y, 21 West St Bowling Green 9-0898

B L Lemke & Co, Inc, 199 Main St, Lodi, N J Prescott 7-5805

Theodor Leonhard Wax Co Inc, 136 Church St, Haledon, Paterson 2, N J Mulberry 4-1444

Leslie Co, Grant Ave, Lyndhurst, N J Rutherford 2-7830

Fred'k H Levey Co, Inc, 41 E 42 St, N Y 17 Vanderbilt 6-2300
Atlanta 3, Ga, 587 Whitehall St S W Alpine 0558
Bklyn 32, N Y, 222 44 St Gedney 9-7979
Cambridge 42, Mass, Kendall Sq Bldg Kirkland 7-3333
Chicago 32, Ill, 4250 W 42 Pl Lafayette 6350
Monmouth Junction, N J, Stouts Lane 7-4211
Phila 47, Pa, 930 Washington Ave Howard 8-7290
Phila, Pa, 1223 Washington Ave Howard 8-7110
Springfield, Ohio, 207 S Walter St 5-6444

Lewis Chem Co Inc, 400 Northampton St, Boston, Mass Commonwealth 6-1425

Lewis Chemical Co Inc, 232 Canal St, N Y 13 Canal 6-7573

Lewis-Shepard Products, Inc, 125 Walnut St, Watertown 72, Mass 4-5400
North Bergen, N J, Tonnelle Ave & 34 St Union 6-5680

Lilie-Hoffman Cooling Towers Inc, 4239 Duncan Ave, St Louis 10, Mo Jefferson 3321

George H Lincks, Inc, 312 Bridge St, Bklyn 1, N Y Main 4-6672

Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo Evergreen 5900
Berkeley, Cal (Lincoln Engrg Co of Cal) Ashberry 3-6726
Boston, Mass (H G Davis Inc) Kenmore 6-5175
Bridgeport, Conn (H G Davis Inc) 5-8160
Chicago, Ill (Lincoln Engrg Co of Ill) Calumet 5-6022
Cleveland, Ohio (Lincoln Lubricating Systems Inc) Express 1-4334
Detroit, Mich Trinity 5-3484
East Orange, N J (Lincoln Lubricating Systems Inc) Orange 3-3188
Ft Worth, Tex (Fritz Keller) Sunset 5451
Los Angeles, Cal (Lincoln Engrg Co of Cal) Richmond 0151
Maplewood, N J, 1603 Springfield Ave South Orange 2-9525
Milwaukee, Wis (Lincoln Equipment Co) Division 2-1191
N Y (Lincoln Lubricating System Inc) Ravenswood 9-2529
Pawtucket, Pa (H G Davis Inc) PA 2-7400
Phila, Pa Radcliff 5-8900
Pittsburgh, Pa Montrose 1-1444
Portland, Ore (Pioneer Equipment Co) Empire 0488

Linde Air Products Co, Div Union Carbide & Carbon Corp, 30 E 42 St, N Y 17 Murray Hill 7-8000
Atlanta 1, Ga, 310 Peachtree St N E
Baltimore 18, Md, 532 E 25 St
Birmingham 1, Ala, P O Box 196, 1001-13 S 22 St
Boston 16, Mass, 441 Stuart St
Buffalo 2, N Y, 250 Delaware Ave
Charleston 1, W Va, 2 Virginia St
Chicago 1, Ill, Carbide & Carbon Bldg, 230 N Michigan Ave
Cincinnati 29, Ohio, 709 Mellish Ave
Cleveland 14, Ohio, 1513-17 Superior Ave
Dallas 1, Tex, 2626 Commerce St
Denver 9, Col, 685 S Broadway
Detroit 2, Mich, 6-240 General Motors Bldg
El Paso, Tex, 810 Texas St
Houston 11, Tex, 6119 Harrisburg Blvd
Indianapolis 4, Ind, 729 N Pennsylvania St
Jacksonville 3, Fla, 2410 Dennis St
Kansas City 6, Mo, Carbide & Carbon Bldg, 910 Baltimore Ave
Los Angeles 58, Cal, 2724 Leonis Blvd
Memphis 5, Tenn, 48 W McLemore Ave
Milwaukee 46, Wis, 1623 S 38 St
Minneapolis 2, Minn, 827 2 Ave S
New Orleans 13, La, 828-32 Howard Ave
N Y 17, 205 E 42 St
Phila 22, Pa, 1421 N Broad St
Phoenix, Ariz, 401 E Buchanan St
Pittsburgh 19, Pa, 311 Ross St
Portland 9, Ore, 1205 N W Marshall St
St Louis 8, Mo, 4228 Forest Park Blvd
Salt Lake City 1, Utah, 362 Pierpont Ave
San Francisco 6, Cal, 22 Battery St
Seattle 4, Wash, 2901 1 Ave S
Spokane 12, Wash, 2023 W Maxwell Ave
Tulsa 3, Okla, 614 National Bank of Tulsa Bldg

Lindsay Chem Co, 258 Ann St, W Chicago, Ill 760

Linick Chem Co, 59 E Madison St, Chicago 1, Ill Andover 3-3398

Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill Randolph 6-7790
Albany 7, N Y, 444 Broadway 5-3389
Atlanta, Ga, 1116 Murphy Ave S W Amherst 5701
Baltimore 18, Md, 2315 St Paul St Hopkins 7112
Birmingham 3, Ala, 2026 Second Ave N 4-6269
Boston 15, Mass, 136 Brookline Ave Commonwealth 6-1001
Buffalo 3, N Y, 295 Main St Washington 7707
Cedar Rapids, Iowa, 1201 6 St S W (Link-Belt Speeder Corp) 2-3181
Charlotte 2, N C, 112 S Tryon St 2-7523
Chicago 9, Ill, 301 W Pershing Rd Atlantic 5-4401
Cincinnati 2, Ohio, 138 E Court St Main 7662
Cleveland 15, Ohio, 1422 Euclid Ave Main 1-5468
Dallas 1, Tex, 500 Latimer St Riverside 5321
Denver 2, Col, 1626 Wazee St (Schloss & Shubart) Acoma 2741
Detroit 4, Mich, 5938 Linsdale Ave Tyler 4-1100
Duluth 2, Minn, 301 W 1 St 7-2915
Grand Rapids 7, Mich, 525 Burton St S W Cherry 1-1654
Houston 1, Tex, 3203 S Wayside P O Box 2563 Wentworth 5581
Huntington 9, W Va, 1009 5 Ave P O Box 510 39401
Indianapolis 6, Ind, 220 S Belmont Ave Market 5411
Jacksonville 2, Fla, 137 E Forsyth St 6-8150
Kansas City 8, Mo, 2630 Holmes St Victor 9234
Los Angeles 33, Cal, 361 S Anderson St Angelus 6171
Louisville 2, Ky, 136 S 4 St Clay 6569
Milwaukee 3, Wis, 808 N 3 St Broadway 2-1674
Minneapolis 5, Minn, 200 Lyndale Ave N Atlantic 5575
Moline, Ill, 1614½ 5 Ave 2-5564
New Orleans 12, La, 747 Tchoupitoulas St (R J Tricon Co) Raymond 5228
N Y 7, 233 Broadway (Export Div) Digby 9-4210
Newark 8, N J, 607 Clinton Ave Bigelow 3-8833
Oakland 7, Cal, 1025 Harrison St Higate 4-4285
Philadelphia 40, Pa, 2045 W Hunting Park Ave Baldwin 3-3300
Pittsburgh 13, Pa, 5020 Centre Ave Museum 1-0600
Portland 9, Ore, 1637 N W 14 Ave Atwater 6481
St Louis 1, Mo, 317 N 11 St Chestnut 1777
Salt Lake City 1, Utah, 108 S 4 West St 22-2539
San Francisco 24, Cal, 400 Paul Ave Juniper 7-6400
Seattle 4, Wash, 3405 6 Ave S Seneca 8200
Spokane 1, Wash, N 1303 Washington St Broadway 2131
Washington 1, D C, 740 11 St N W National 8-3400
Wilkes Barre, Pa, 15 W Market St Valley 2-5719
Wilmington 43, Del, 805 Orange St 5-1556

Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis Mitchell 5-5544

Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill Bishop 7-8000

Liquidometer Corp, 41-03 36 St, L I C 1, N Y Stillwell 4-1440

Liston-Becker Instrument Co, Inc, 20 Beckley Ave, P O Box 1110, Stamford, Conn 48-2883

Arthur D Little Inc, 30 Memorial Dr, Cambridge 42, Mass Un 4-9370
N Y, 420 Lexington Ave Oregon 9-5060
St Louis 1, Mo, Rm 2074 Railway Exchange Bldg Chestnut 0932

Livestock Chem Co, 3816 S Division Ave, Grand Rapids 8, Mich GL 2-6731

Lloyd Labs, 23 Caller St, Peabody, Mass 0053

Philip J Lo Bue Co, 277 Park Ave, N Y 17 Murray Hill 8-8087

Logan Engrg Co, 4901 W Lawrence Ave, Chicago 30, Ill Pensacola 6-7500

London Chem Co, 325 W 32 St, Chicago 16, Ill Victory 2-3347

David E Long Corp, 220 E 42 St, N Y 17 Murray Hill 2-8598

Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal Tucker 2421
San Diego, Cal, 3709 Imperial Ave Main 4-3101
South Gate, Cal, 4525 Ardine St Logan 5-5485

Louisville Cement Co, 501 S 2 St, Louisville 2, Ky Wabash 3131

Chicago, Ill, 2262 Builders Bldg, 228 N LaSalle St State 2-3141

N Y 17, 631 Architects Bldg, 101 Park Ave Murray Hill 5-8592

Louisville Cooperage Co, 2903 W Broadway, Louisville, Ky Calhoun 4711

Lovejoy Flexible Coupling Co, 4949 Lake St, Chicago 44, Ill Estabrook 9-3010

Loven Chem of Cal, 244 S Pine St, Newhall, Cal 400
Evanston, Ill, 102 Keeney St Greenleaf 5-0510
Washington, D C, 414 Ring Bldg Sterling 5646

C M Lovsted & Co, Inc, 1001 N Main St, Los Angeles 12, Cal Capitol 1-4202
San Francisco 5, Cal, 591 Howard St Garfield 3391
Seattle 6, Wash, 4000 W Marginal Way Avalon 4000

Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo Wabash 3600

Lucidol Div, Novadel-Agene Corp, 1740 Military Rd, Buffalo 5, N Y Victoria 1740

Ludlow-Saylor Wire Co, 634 S Newstead Ave, St Louis 10, Mo Franklin 0636
Chicago 24, Ill, 6 N Hamlin St Nevada 2-2096
Los Angeles 23, Cal, 3030 E Olympic Blvd Angelus 1-8103
Mountain Brook (Birmingham), Ala, 921 Euclid Ave
Pittsburgh 19, Pa, Union Trust Bldg Atlantic 1-2262

George Lueders & Co, 427 Washington St, N Y 13 Walker 5-4200
Chicago 10, Ill, 510 N Dearborn St Superior 7-7462
San Francisco 5, Cal, 56 Main St Yukon 2-5580

Lukens Steel Co (By Products Steel Co & Lukenweld Div), Coatesville, Pa 2000
Baltimore 2, Md, 1114 Mercantile Trust Bldg Plaza 2833
Boston 16, Mass, 20 Providence St Hubbard 2-4031
Chicago 4, Ill, 332 S Michigan Ave Webster 9-3880
Cleveland 14, Ohio, 1201 Citizens Bldg Main 1-9116
Los Angeles 14, Cal, 530 W 6 St Vandike 1151
N Y 7, 50 Church St Rector 2-1324
Phila 3, Pa, Suburban Station Bldg Rittenhouse 6-5082
Pittsburgh 19, Pa, 429 4 Ave Grant 1-1427
Syracuse 2, N Y, 206 Heffernan Bldg 3-3965

Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill Harrison 7-1272

Lummus Co, 385 Madison Ave, N Y 17 Plaza 9-1180
Chicago 5, Ill, 600 S Michigan Ave Harrison 7-1851
E Chicago, Ind, 504 W 145 St (Western Piping Supply Div)
Houston, Tex, 2707 Weslayan Rd Ma 4401

Lunkenheimer Co, Beekman & Waverly Sts, Cincinnati 14, Ohio Wabash 5400
Boston 10, Mass, 291-293 Congress St Liberty 8091
Chicago 6, Ill, 558-560 W Randolph St State 2-6654
N Y, Chrysler Bldg Murray Hill 6-2235
Phila 34, Pa, 3209-17 B St Garfield 3-3300

William Lynn Chem Co, Inc, 121-131 N Davidson St, Indianapolis 7, Ind Franklin 3464

M

M C Supply Co, Box 321, Muskegon, Mich 4-1127
Grand Rapids, Mich Glendale 4-2554

MRM Co, Inc, 191-3 Berry St, Bklyn 11, N Y Evergreen 7-3936

Maas & Waldstein Co, 2121 McCarter Hghwy, Newark 4, N J Humboldt 4-1600
Chicago 12, Ill, 1658 Carroll Ave Monroe 6-6084
Los Angeles 34, Cal, 10751 Venice Blvd (Smith-Davis Co) Texas 0-2211

A R Maas Chem Co Div, Victor Chem Works, 4570 Ardine St, S Gate, Cal Kimball 2214

Madison Glue Corp, 200 W 34 St, N Y 1 Pennsylvania 6-6951
Madison, Ind, N Walnut St 688

Magna Mfg Co, Inc, 4 Ave, Haskell, N J Pompton Lakes 7-1200

Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill Bishop 7-4000

Magnus, Mabee & Reynard, Inc, 16 Desbrosses St, N Y 13 Walker 5-1110
Chicago 1, Ill, 221 N LaSalle St State 2-5841

Magnuson Products Corp, 50 Court St, Bklyn 2, N Y Main 5-0190

Magruder Color Co, Inc, 2385 Richmond Terrace, Staten Island 2, N Y Gibraltar 2-4140
H J Mahar, 54 W 55 St, N Y 19 Judson 6-3185

Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill Superior 7-8432
Los Angeles 21, Cal, 2327 E 8 St Van Dyke 8745

Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo Central 8980

Chicago, Ill, 307 N Michigan Ave, Bell Bldg State 2-1400
Cincinnati, Ohio, Central Pkwy & Walnut Sts Dunbar 0400
Cleveland 15, Ohio, Guildhall Bldg Cherry 1-8448
Jersey City 5, N J, 223-224 W Side Ave Henderson 3-2187
Los Angeles 58, Cal, 3016 E 44 St Logan 8-2237
N Y 8, 70-74 Gold St Worth 4-4900
Phila, Pa, 311 N 3 St Market 7-0235
San Francisco, Cal, 465 California St, Merchants Exchange Bldg Sutter 1-4748

N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y Evergreen 8-7626
Chicago 11, Ill, 612 N Michigan Ave Superior 7-0051

Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y 9-4747

George Mann & Co, Inc, 251 Fox Point Blvd, Providence 3, R I Gaspee 1-8466
Stoneham 80, Mass, 105 Central St Winchester 6-2910

Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J Humboldt 2-1646

Manning, Maxwell & Moore, Inc, 250 E Main St, Stratford, Conn 7-3361
Atlanta 5, Ga, 1036 Peachtree St, N E Atwood 8652
Chicago 3, Ill, 1025 Field Bldg Franklin 2-3347
Cleveland 7, Ohio, 14812 Detroit Ave Boulevard 1-8095
Houston 25, Tex, 2426 W Holcombe Blvd Madison 0609
Los Angeles 21, Cal, 1325 Santa Fe Ave Trinity 3317
N Y 17, 1155 Chrysler Bldg, E Murray Hill 7-4320
Phila 40, Pa, 419 Beury Bldg, 3701 N Broad St Radcliff 5-3900
Pittsburgh 22, Pa, 1412 Park Bldg Atlantic 1-6330
Tulsa 4, Okla, 2415 E 13 Pl 9-5405

Manton Gaulin Mfg Co, Inc, 44 Garden St, Everett 49, Mass 7-9300

Marathon Corp, Chem Div, Rothschild, Wis

Marblehead Lime Co, 308 W Washington St, Chicago 6, Ill Central 6-1571

Marblette Corp, 37-21 30 St, L I C 1, N Y Stillwell 4-8100
Chicago, Ill, 1853 N Karlov Ave

Marbon Corp, 1927 W 10 Ave, Gary, Ind 9146

Marco Chem, Inc, 1711 Elizabeth Ave, Linden, N J 2-10246

Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill Harrison 7-1760
N Y, 311 Produce Exchange Bldg Whitehall 4-5198

Marine Magnesium Products Div, Merck & Co, Inc, P O Box 711, S San Francisco, Cal Delaware 3-2923

Marklin Chem Corp, 11 W 42 St, N Y 18 Longacre 4-3536

Marks Chem Works, 20 W 22 St, N Y 10 Oregon 5-2790

Marley Co, Inc, 222 W Gregory Blvd, Kansas City 5, Mo Emerson 2222
Chicago, Ill, 111 W Washington St
Cincinnati, Ohio, P O Box 87, Sta O (26 Cooper Bldg)
Houston, Tex, Kress & Armour Dr
Los Angeles 14, Cal, 810 S Spring St
N Y 6, 75 West St
Phila, Pa, 12 S 12 St
San Francisco 11, Cal, 420 Market St
Washington, D C, 777 14 St N W

Marlow Pumps, Box 566, Ridgewood, N J 6-6700

Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C 9357

Marlyn Chem Co, Inc, 156 & Forsythe, Calumet City, Ill Torrence 2-6962
Lynn, Mass, 105 Commercial St (New England SOF-T Sales Co) 3-5565

Herbert Marmorek & Son, 2153 78 St, Bklyn 14, N Y Cloverdale 6-8080

Jas P Marsh Corp, 3501 Howard St, Skokie, Ill Overland 3-4300
Houston 1, Tex, 1121 Rockwell Charter 2391
N Y 17, 155 E 44 St Murray Hill 2-6867

L Martin Co, Inc, 41 E 42 St, N Y 17 Vanderbilt 6-2300

H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill Vineland, N J, 2 & Grape Sts 7-2719

Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal Sutter 1-3553
Los Angeles 12, Cal, 906 E 3 St Michigan 9878
Portland 12, Ore, 140 N E Broadway Webster 2244
Seattle, Wash, 1016 1 Ave Eliot 5007

Martindale Elec Co, 1375 Hird Ave, Cleveland 7, Ohio Lakewood 1-8567

Marvel Industries, Inc, 2224 Cleveland St, Evanston, Ill Davis 8-6530

Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J ES 3-7801

A Maschmeijer Jr, Inc, 45 W 16 St, N Y 11 Chelsea 2-7136

Mason Color & Chem Works, Inc, 206 Broadway, P O Box 76, E Liverpool, Ohio Main 4

Master Package Corp, Owen, Wis 173
Chicago, Ill, 7720 N Sheridan Rd Ambassador 2-1725

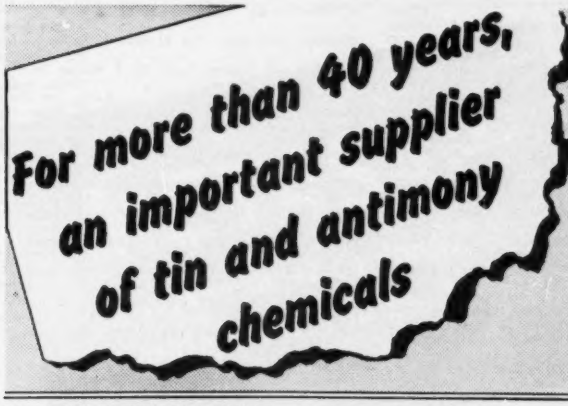
G Diehl Mateer & Co, Lincoln Hway, Devon, Pa Berwyn 0700

Mathe Chem Co, 169 Millbank St, Lodi, N J Prescott 9-4981

Matheson Co, Inc, 932 Paterson Plank Rd, E Rutherford, N J Rutherford 2-9500
Joliet, Ill, Richards St & Manhatten Rd 2-8723

Matheson Coleman & Bell, Inc, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio Melrose 3220
E Rutherford, N J, 932 Paterson Plank Rd Rutherford 2-9500

Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md Plaza 8300
Atlanta 3, Ga, 225 Chester Ave S E
Buffalo 3, N Y, Rand Bldg
Charlotte 2, N C, Liberty Life Bldg
Chicago 11, Ill, 410 N Michigan Ave
Cincinnati 2, Ohio, Dixie Terminal Bldg
Houston 2, Tex, Gulf Bldg
New Orleans 12, La, National Bank of Commerce Bldg
N Y 17, 60 E 42 St
Phila 7, Pa, Lincoln-Liberty Bldg
Providence 3, R I, Hospital Trust Bldg
St Louis 2, Mo, Rialto Bldg
San Francisco 2, Cal, 442 Post St



THE reputation earned by Metal & Thermit as specialists in this field and the high quality and uniformity for which its products are noted, are the result not only of carefully controlled production processes, but also of continuous development and research. An extensive program designed to improve current materials and to develop new products has evolved a highly diversified group of industrial chemicals for the ceramics, plating and other industries to which new and related chemicals are frequently added.

The products listed below are standard Metal & Thermit chemicals as now manufactured.

INORGANIC TIN CHEMICALS

Product	Description	Uses	Standard Packaging
STANNIC CHLORIDE (Anhydrous) (Tin tetrachloride) $SnCl_4$	Colorless fuming liquid. Soluble in cold water, alcohol, acetone, toluene carbon tetrachloride and other solvents.	Intermediate for chemicals used in lubricating oils, rubber base pigments, plastics, silk weighting. Stabilizer for perfumes and colors in soap. Sensitized paper mfr.	Returnable steel drums. 980 lbs.—100 lbs.
STANNOUS CHLORIDE (Anhydrous) $SnCl_2$ Trade name: STANNOCHLOR	White crystals. Soluble in water, alkalies, abs, alcohol, ether.	Electroplating. Immersion tinning. Stabilizer for certain pigments. Reducing agent. Stabilizer for color in soaps. Catalyst in organic reactions. Analytical reagent. Pretreatment of plastics before metallizing.	Fibre drums. 100 lbs.—400 lbs.
STANNOUS SULFATE $SnSO_4$	White crystals. Soluble in water.	Acid electroplating of tin. Alloy finish. For drawing and finishing steel wire.	Fibre drums. 400 lbs.—100 lbs.
STANNIC OXIDE (White tin oxide) SnO_2	White powder. Insoluble in water, alkalies or acids.	Ceramic glaze opacifier. Production of green, yellow, blue, red, pink, maroon ceramic colors. Opacifier for sheet steel enamels. Polishing agent for granite, marble, onyx optical glass and plastics.	Fibre drums. 400 lbs.—100 lbs.—50 lbs.—25 lbs.
STANNOUS OXIDE (Black tin oxide) SnO	Black crystalline powder. Soluble in acids.	Intermediate for making stannous salts for various industries including plating and glass manufacture.	Fibre drums. 100 lbs.—400 lbs.
SODIUM STANNATE $Na_2Sn(OH)_6$ ($Na_2SnO_3 \cdot 3H_2O$)	White to light tan crystals. Soluble in water.	Alkaline electroplating of tin. Stabilizer for hydrogen peroxide.	Non-returnable steel drums. 350 lbs.—100 lbs.
POTASSIUM STANNATE $K_2Sn(OH)_6$ ($K_2SnO_3 \cdot 3H_2O$)	White to light tan crystals. Soluble in water.	High speed alkaline, electroplating of tin.	Non-returnable steel drums. 350 lbs.—100 lbs.
BARIUM STANNATE* $BaSnO_3$	White powder.	Manufacture of high dielectric ceramic insulators.	Wooden kegs—100 lbs.

NOTE (*) OTHER METALLIC STANNATES ALSO ARE AVAILABLE

ORGANIC TIN CHEMICALS

DIBUTYL TIN DICHLORIDE $(C_4H_9)_2SnCl_2$	Light tan crystalline solid. Soluble in ether, benzene, alcohols, organic esters, aliphatic hydrocarbon solvents. Insoluble in water.	Intermediate for chemicals used as stabilizers for chlorinated organic chemicals and lubricating oil additives.	Returnable steel drums. 200 lbs.
DIBUTYL TIN DILAURATE $(C_4H_9)_2Sn(O_2C(CH_2)_{10}CH_3)_2$	Colorless, soft crystals. Soluble in petroleumether, benzene, acetone, carbon tetrachloride, ether, organic esters. Insoluble in water and methyl alcohol.	Stabilizer for chlorinated organic materials.	Carboys. 45 lbs.—90 lbs. Steel drums. 400 lbs.
DIBUTYL TIN DIACETATE $(C_4H_9)Sn(OCCH_3)_2$	Clear, yellowish liquid. Soluble in most organic solvents. Insoluble in water.	Stabilizer for chlorinated organic materials.	Carboys. 45 lbs.—90 lbs. Steel drums—400 lbs.
DIBUTYL TIN OXIDE $(C_4H_9)_2SnO$	White amorphous powder. Soluble in various alcohols and other solvents. Insoluble in water.	Stabilizer for chlorinated organic materials.	Fibre drums. 10—30—70 lbs. Steel drums. 250 lbs.
DIBUTYL TIN MALEATE $(C_4H_9)_2SnC_4H_2O_4$	White amorphous powder. Soluble in benzene, ethyl alcohol and organic esters. Insoluble in water.	Stabilizer for chlorinated organic materials.	Fibre drums. 10—30—70 lbs. Steel drums. 250 lbs.

ANTIMONY CHEMICALS

ANTIMONY OXIDE (Antimony Trioxide) Sb_2O_3	White powder. Soluble in aqeous HCl, KOH, tartaric acid.	Opacifier for enamel glazes. Fire-resisting component for paints, plastics and fabric coatings.	Paper lined burlap bags. 100 lbs.
SODIUM ANTIMONATE (Sodium Meta-antimonate) $NaSbO_3$	White crystalline powder.	Opacifier for enamels for cast iron and sheet steel.	Paper lined burlap bags. 100 lbs.
POTASSIUM PYROANTIMONATE $K_2H_2Sb_2O_7 \cdot 4H_2O$	White crystalline powder. Soluble in water.	Paper and textile manufacturer. Starch sizes.	Fibre drums. 350 lbs.

ZIRCONIUM COMPOUNDS

ULTROX $ZrSiO_4$	White powder.	Opacifier in glazes for vitreous sanitary ware, wall tile, stone ware, glazed brick, terra cotta, art ware and special porcelains.	Fibre drums. 100 lbs.—400 lbs. Paper bags. 100 lbs.
ZIRCON $ZrSiO_4$	White crystalline powder.	Ingredient of enamels, electrical porcelains, refractories and other ceramic specialties.	Paper bags. 100 lbs.

METAL & THERMIT CORPORATION

Chemical Division

100 East 42nd Street, New York 17, N. Y.

Plants at:

- Carteret, N. J.
- East Chicago, Ind.
- Woodbridge, N. J.

Maumee Development Co, 2 Oak St, Toledo 5, Ohio Taylor 4666

Maxim Chem Co, Inc, 44 Cliff St, N Y 38 Worth 4-0070

Otto B May, Inc, 52 Amsterdam St, Newark 5, N J Market 3-5197

Mayco Chem Co, 5 Union Sq W, N Y 3 Algonquin 5-8130

Maywood Chem Works, 100 W Hunter Ave, Maywood, N J Di 2-2020

McDougall-Butler Co, Inc, 2929 Main St, Buffalo 14, N Y PA 5885
Auburn, Me, 55 Court St
Salem, Mass, 86 Lafayette St
Washington, D C, 421 10 St, N W

McKay Chem Co, Inc, 880 Pacific St, Bklyn 38, N Y Sterling 3-4340

McKesson & Robbins, Inc, 155 E 44 St, N Y Murray Hill 7-3600
Birmingham, Ala, 1706 1 Ave 3-4171
Boston 9, Mass, 79 Milk St Liberty 2-1124
Buffalo, N Y, 330 Court St Washington 4860
Burlington, Iowa, 100 N 4 St 410
Cedar Rapids, Iowa, 900 2 St, S E 4-4191
Chicago 80, Ill, 540 W Randolph St Franklin 2-1900
Cincinnati, Ohio, 225 E 6 St Parkway 3121
Cleveland 15, Ohio, 2775 Pittsburg Ave Cherry 1-0191
Columbia, S C, 919 Gervais St 8147
Dallas 2, Tex, 611 N Field St Prospect 6311
Denver, Col, 1354 Lawrence St Acoma 1751
Detroit, Mich, 515 W Jefferson Ave Woodward 2-5820
Fresno, Cal, 442 P St 3-3251
Houston 11 Tex, 515 Norwood St Woodcrest 2615
Jacksonville, Fla, 25 N Market St 3-1281
Kansas City, Mo, 712 Broadway Victor 3210
Los Angeles, Cal, 220 S Los Angeles St Michigan 7171
Macon, Ga, 440 Broadway 3-2606
Memphis, Tenn, 109 S 2 St 8-2233
Miami, Fla, 7455 N E 2 Ave 89-5661
Minneapolis, Minn, 24 N 3 St Main 1311
Mobile, Ala, 118 N Royal St 2-8751
Oakland, Cal, 831 Castro St Glencourt 1-0350
Ogden, Utah, 161 24 St 8834
Omaha 8 Neb, 902 Farnam St Atlantic 5000
Peoria 8, Ill, 812 S Washington St 4-7101
Philadelphia 10, Pa, 1525 Land Title Bldg, Broad & Chestnut Sts Locust 4-4511
Phoenix, Ariz, 1 & Jackson Sts 8-6711
Pittsburgh 29, Pa, 445 Water St Court 1-6363
Portland, Ore, 630 N W 14 Ave Broadway 7671
Roanoke, Va, 365 W Salem Ave 7383
Sacramento, Cal, 425 N 7 St Gilbert 3-6861
St Louis 2, Mo, 320 N 4 St Main 2083
San Antonio, Tex, 1110 Hoefoen Ave Kenwood 5131
San Francisco, Cal, 50 1 St Sutter 1-7262
Seattle, Wash, 419 Occidental Ave Elliot 4383
Spokane, Wash, 160 S Wall St, RI 2141
Springfield, Mass, 88 Birnie Ave 6-4554
Wichita, Kan, 624 E Williams 7-8257

McLanahan & Stone Corp, Hollidaysburg, Pa

McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn Gladstone 1808

McNally Pittsburg Mfg Corp, Pittsburg, Kan 542
Chicago 1, Ill, 307 N Michigan Ave Franklin 25172
Pittsburgh 22, Pa, National Bank Building Grant 12640
Wellston, Ohio 167

McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn Granville 7221

Mearl Corp, 153 Waverly Pl, N Y 14 Watkins 4-8011

Mears Kane Ofeldt Inc, P O Box 223, Bridgeport, Pa Norristown 8-2300
Forest Hills 75, N Y, 108-22 Queens Blvd Boulevard 8-1532

Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill Canal 6-7750

Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill Dickens 2-6450

Medical Supply Co, 1027 W State St, Dept C, Rockford, Ill 3-9697

Meer Corp, 318 W 46 St, N Y 36 Judson 6-0900

Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal Trinity 6894

Mehl Mfg Co, 2057 Reading Rd, Cincinnati 2, Ohio Ch 6430

Meletron Corp, 950 N Highland Ave, Los Angeles 38, Cal He 4841

Edward Mendell Co, 24 W 45 St, N Y 19 Murray Hill 7-2045

Mercer Chem Corp, 11 Mercer St, N Y 13 Worth 4-4540

Mercer-Robinson Co, Inc, 30 Church St, N Y Rector 2-9496

Merchants Chem Co, Inc, 60 E 42 St, N Y 17 Murray Hill 2-8712
Albuquerque, N M, 105 E Central St
Appleton, Wis, 1324 E Brewster Court
Chicago 31, Ill, 3100 S California Ave Cliffside 4-1100
Cincinnati 25, Ohio, 2933 Spring Grove Ave Mulberry 4680
Denver 11, Col, 1211 W 44 St Glendale 1643
Louisville 12, Ky, 113 S 22 St Jackson 0671
Milwaukee 4, Wis, 1100 S Barclay St Mitchell 5-7909
Minneapolis 13, Minn, 110 N E 6 St Lincoln 6978
Omaha 8, Neb, 605 Leavenworth St Atlantic 4755
South Norwalk, Conn, 55 Day St Norwalk 6-2569

Merck & Co, Inc, Rahway, N J 7-1200
Los Angeles 21, Cal, 1855 Industrial St (Pacific Coast Branch) Tucker 2474
N Y 13, 161 6 Ave Algonquin 5-3900
Phila 22, Pa, 1649 N Broad St Poplar 5-4524
St Louis 16, Mo, 4545 Oleatha Ave Lockhard 7000

Merco Centrifugal Co, 150 Green St, San Francisco, Cal Sutter 1-8280
Houston, Tex, 1213 Capital Ave Charter 9209
N Y 7, 233 Broadway Beekman 3-6789

Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill Pensacola 6-2100
N Y 17, 205 E 42 St Murray Hill 4-5071
Phila 32, Pa, 3137 N Broad St Radcliffe 5-1800

Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill YA 7-2515
Cleveland, Ohio, 1836 Euclid Ave Main 1-8017
Detroit, Mich, 22480 N Western Hway Southfield 3980
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Pittsburgh, Pa, 401 Grant Bldg Express 1-0338

Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio AT 1-1100

Merichem Co, 3101 Fannin St, Houston 4, Tex Linden 7538

Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J Prescott 9-0697

Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass 7-5010
Akron 11, Ohio, 920 Brown St Hemlock 6191
Birmingham 3, Ala, 924 Brown-Marx Bldg 7-0877
Boston 49, Mass, Everett Sta Everett 7-5010
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San Francisco 4, Cal, 111 Sutter St Yukon 6-6232
Seattle 4, Wash, 911 Western Ave Main 4203

Merson Products Co, 63 Essex St, Jersey City, N J

L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill Canal 6-7168

Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J Rutherford 4-0367

Metal Glass Products Co, Belding, Mich 700
Atlanta, Ga, 599 Plum St Elgin 3618
Chicago, Ill, 9 S Clinton St Central 6-0297
Detroit, Mich, 18263 Hartwell Diamond 1-1210
Los Angeles, Cal, 1262 S Boyle Ave Angeles 9-1300
N Y, 40 W 48 St Plaza 7-1960

Metal Hydrides, Inc, 22½ Congress St, Beverly, Mass 1875

METAL & THERMIT CORP, 100 E 42 St, N Y 17 Oxford 7-0800

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Metalab Equipment Corp, Hicksville, L I 3-3100

Metalead Products Corp, 978 Mills Bldg, San Francisco 4, Cal Douglas 2-6831

Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md Union 7894

Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J Kilmer 5-1335

Metalloy Corp Div, Lithium Corp of America Inc, 2560 Rand Tower Minneapolis 2, Minn Atlantic 2391
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Metallurg Inc, 100 Park Ave, N Y 17 Murray Hill 6-3335

Metals Disintegrating Co, Inc, P O Box 290, Elizabeth B, N J 3-4600
Berkeley, Cal, 1069 2 St (Alloys Div) Landscape 6-3722
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Los Angeles, Cal, P O Box 2496 Terminal Annex
Oakland, Cal, 701—105 Ave

Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J 7-6000

Metalweld Inc, Construction Equipment Div, 26 & Hunting Park Ave, Phila 29, Pa RA 5-3471
Phila 29, Pa, Scotts Lane & Abbottsford Rd (Protective Coatings Div)

METASAP CHEM CO, Logan & Davis Sts, Harrison, N J 6-6200

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Boston 10, Mass, 10 High St Hubbard 2-1202
Cedartown, Ga, 701 Wissahickon Ave, P O Box 1003 230
Chicago 9, Ill, 3625 Jasper Pl Lafayette 3-3771
Richmond, Cal, 1141 S 14 St Beacon 4-4811

Metro-Atlantic, Inc, 2072 Smith St, Centredale 11, R I 1-5700
Greenville, S C, 1210 New Buncombe Rd
N Y 36, 55 W 42 St
W Paterson, N J, Jackson Lane

Herman Meyer Drug Co, Inc, 116-23 Jamaica Ave, Richmond Hill 18, N Y Virginia 9-6176

J Meyer & Sons, 4321 N 4 St, Phila 40, Pa Michigan 4-3460

Meyercord Co, 5323 W Lake St, Chicago 44, Ill ES 8-3700

M Michel & Co, Inc, 90 Broad St, N Y 4 Digby 4-3878

Michigan Chem Corp, 500 N Bankson, St Louis, Mich 41

Chicago, Ill, Lincoln Tower, 75 E Wacker Dr Central 6-6320
N Y 17, 230 Park Ave Murray Hill 3-5480

Michigan Pipe Co, Phoenix Bldg, Bay City, Mich 7501

Michigan Seamless Tube Co, S Lyon, Mich Geneva 8-2411

Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich Lorrain 7-1545

Michigan Wire Cloth Co, 2055 Howard St, Detroit 16, Mich Tashmoo 6-6500

Microbiological Associates, Inc, 4846 Bethesda Ave, Washington 14, D C Oliver 4-3400

Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y 4-6320

Mid-Continent Metal Prod Co, 1960 N Clybourn Ave, Chicago 14, Ill Lincoln 9-3900

Mid-Continent Petroleum Corp, Box 381, Tulsa, Okla 3-3101
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Midland Color & Chem Co, Inc, 15 Greene St, Jersey City, N J

Midland Industrial Finishes Co, E Water St, Waukegan, Ill Majestic 3040

Midwest Consultants, Inc, 5147 Brown Ave, St Louis 15, Mo Evergreen 3529

Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo Main 8300
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Houston 2, Tex, 1213 Capitol Ave Charter 2241
Los Angeles 33, Cal, 520 Anderson St Angelus 6735
N Y 7, 50 Church St Cortland 7-1350
S Boston, Mass, 425 1 St (Lumsden & Van Stone Div) 8-2210

Milburn Co, 3246 E Woodbridge, Detroit 7, Mich Lorain 8-1080

Ray Miller Inc, 252 N 10 St, Newark, N J Humboldt 3-8500
Houston, Tex, 1210 Hays St Blackstone 0396
South Charleston, W Va, 4230 Kanawha Tpke Charleston 4-9464

Miller Products Co, Ft of S W Caruthers, Portland 1, Ore Atwater 7608

Millmaster Chem Corp, 11 W 42 St, N Y 36 Longacre 4-1346

Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill Eastgate 7-1700

Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis Marquette 8-5200

Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa CH 1-5900
Atlanta, Ga, 1345 Spring St N W Atwood 6378
Baltimore 2, Md, 412 Water St Mulberry 5455
Bluefield, W Va, 1513 Bluefield Ave 3-8866
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Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col Keystone 3111
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N Y 1, 1261 Broadway Oregon 9-3564
San Francisco 11, Cal, 244 California St Yukon 6-0536

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Albany 6, N Y, 4 Chestnut St (P O Box 257, Capital Sta) 3-115
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Atlanta, Ga, 1415 Howell Mill Rd N W Atwood 9776
Augusta, Ga, 523 13 St 4-3587
Baltimore 18, Md, 4612 Harford Rd Clifton 9070
Billings, Mont, Selvidge-Babcock Bldg, 2718 Montana Ave 9-9975
Binghamton, N Y, Press Bldg, 19 Chenango St 2-6312
Birmingham 3, Ala, 212 S 18 St 4-7588
Boise, Idaho, P O Box 767 4620



Metasap Stearate Service is "at your elbow" wherever you may be located in the United States. Our representatives and warehouses from coast to coast are ready to serve you promptly when you telephone, wire, or write; and our Technical Service Division stands prepared to tackle your production problems, and make recommendations based on your specific needs.

The following list of Metasap products, and brief summary of applications, indicate the wide range of industries served by Metasap and the remarkable versatility of Metasap Metallic Soaps.

COMPOUND	CHEMICAL TYPE	MELTING POINT	MOISTURE	WASHED ASH	SOLUBLE ASH	FREE STEARIC ACID	FINENESS	SOLUBILITY	APPLICATIONS
Aluminum Stearate GM	Aluminum	155°C.	<1.0%	10.0%	1.0%	6.0%	95%-200 mesh	B*, MS*, P*	A-1-2-4-5; D-1; G-1
Aluminum Stearate R	Aluminum	145°C.	<1.0%	8.0%	0.6%	10.0%	95%-200 mesh	B*, MS*, P*	A-1-2-3-4-5; B-2; D-1-2; E-2; F-2; H
Aluminum Stearate V	Aluminum	100°C.	<1.0%	6.0%	0.6%	25.0%	98%-200 mesh	B*, MS*, P*	E-2-3; F-1; G-2
Aluminum Stearate XX	Aluminum	115°C.	<1.0%	7.0%	0.5%	15.0%	95%-200 mesh	B*, MS*, P*	F-1
Metasap 537	Aluminum	160°C.	<1.0%	10.0%	1.0%	5.0%	90%-200 mesh	B*, MS*, P*	A-1; E-1
Metasap 569	30% Aluminum Solution	—	—	—	—	—	———	—	A-2; D-2
Metasap 571	Aluminum	100°C.	1.0%	6.0%	1.0%	10.0%	80%-200 mesh	B*, MS*, P*	D-2
Metasap 579	30% Aluminum Solution	—	—	—	—	—	———	—	A-2; D-2; F-2
Metavis 540	Aluminum	—	<1.0%	—	—	—	———	B*, MS*, P*	A-1
Metavis 543	Aluminum	—	<1.0%	—	—	—	———	B*, MS*, P*	A-1
Metasap 598	Aluminum	160°C.	<1.0%	9.8%	1.0%	5.0%	99%-200 mesh	B*, MS*, P*	A-1; E-1
Barium Stearate	Barium	160°C.	0.5%	27.0%	1.0%	—	100%-200 mesh	Insoluble	A-1-3; B-1; C
Calcium Stearate	Calcium	150°C.	2.5%	9.5% ash	—	—	100%-325 mesh	Insoluble	A-3; B-1-2-3; D-1-2; E-2; H
Lead Stearate	Lead	100°C.	2.0%	28.0%-(Pb)	—	—	99%-325 mesh	Insoluble	B-1-4; C
Lithium Stearate	Lithium	220°C.	<1.0%	12.5% (Crude)	—	—	95%-325 mesh	B*, MS*, P*	A-1-3; B-1; E-1
Magnesium Stearate	Magnesium	145°C.	2.5%	8.0%	0.6%	—	100%-325 mesh	Insoluble	B-1-3; D-3; H
Zinc Stearate	Zinc	115°C.	<0.5%	15.5%	0.5%	—	100%-325 mesh	Insoluble	A-2; B-1-4; C; E-3; F-1; H
Zinc Stearate USP	Zinc	119°C.	<0.5%	15.0%	0.3%	—	100%-325 mesh	Insoluble	B-1-4; E-3; F-1
Metasap 546	Zinc	118°C.	<0.5%	15.5%	0.3%	—	100%-325 mesh	Insoluble	B-4
Metasap 574-A	Zinc	118°C.	<0.5%	15.5%	0.5%	—	100%-325 mesh	Insoluble	A-2; B-1-4; C; E-3; F-1; H
Metasap 576	Zinc	117°C.	<0.5%	15.5%	0.5%	—	100%-325 mesh	Insoluble	A-2; B-1-4; C; E-3; F-1; H
Aluminum Palmitate	Aluminum	—	—	—	—	—	———	—	A-2-5; D-2; G-1
Zinc Palmitate	Zinc	—	—	—	—	—	———	—	F-1; G-1

*Solubility Key: B-Benzol, MS-Mineral Spirits, P-Paraffin Oil, *-Gels.*

Metasap Stearates help to step up output, promote economies, and improve products. Full information about these quality soaps is yours for the asking—and we'll gladly work closely with you in the selection and application of any Metasap Stearate or Palmitate which will give you the most advantageous results.

APPLICATIONS:

(A) for THICKENING
1. oils for greases
2. paints
3. plastisols
4. waxes
5. printing inks

(B) for LUBRICATING
1. plastics (powders)
2. wire drawing compounds
3. pharmaceuticals (tablets)
4. rubber tubes & sheeting

(C) for STABILIZING
vinyl resins

(D) for imparting WATER REPELLENCY to
1. textiles
2. building materials
3. hygroscopic powders

(E) to retain TRANSPARENCY in
1. greases
2. waterproofing materials
3. lacquers and varnishes

(F) for FLATTING
1. lacquers and varnishes
2. paints

(G) for SUSPENSION of
1. pigments
2. graphite

(H) as BINDERS in
powder metallurgy

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Phila 8, Pa, 401 N Broad St Lombard 3-2900
Ridgefield, N J, 700 Grand Ave Morsemere 6-6700
St Louis 8, Mo, 3700 Forest Park Blvd Lucas 5269
St Paul 1, Minn, 367 Grove St Cedar 3071
San Francisco 10, Cal, 450 Alabama St Underhill 3-4480
Seattle, Wash, 1242 6 Ave S Seneca 4554

Minnesota Rubber & Gasket Co, 3630 Wooddale Ave, Minneapolis 16, Minn Whittier 6511

Miranol Chem Co, Inc, 16 Melville Pl, Irvington 11, N J Essex 2-8800

Mississippi Lime Co, Alton, Ill 3-7741

Mitchell Rand Mfg Co, 51 Murray St, N Y 7 Cortlandt 7-9264

Mixing Equipment Co, Inc, 139 Mt Read Blvd, Rochester 11, N Y GE 7560
N Y 6, 136 Liberty St Cortlandt 7-1157

Moeller Instrument Co Inc, 132 St & 89 Ave, Richmond Hill 18, N Y Virginia 9-2100
Boston, Mass, 171 Camden St Commonwealth 6-4540
Chicago 49, Ill, 7801 Yates Ave Southshore 8-4877
Phila, Pa, 1303 Widener Bldg Rittenhouse 6-9980

Moisture Register Co, 1510 W Chestnut St, Alhambra, Cal Cumberland 3-3143

Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill Esterbrook 8-4300

Mona Industries, Inc, 65-75 E 23 St, Paterson, N J Sherwood 2-3170

Monarch Chem Works, Inc, 22 & Ave H, E Omaha, Neb Atlantic 5254

Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa Regent 9-8209

Monomer-Polymer, Inc, 511 Lancaster St, Leominster, Mass 3347

Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y Stillwell 4-4417
N Y, 139 E 57 St

Monsanto Chem Co, Merrimac Div, Everett Station, Boston 49, Mass Everett 7-5010

Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo Main 0347
Akron 11, Ohio, 920 Brown St Hemlock 6191
Birmingham 3, Ala, 924 Brown-Marx Bldg 7-0877
Boston 49, Mass, Everett Sta EV 7-5010
Charlotte 2, N C, 1115 Johnston Bldg 2-3454
Chicago 54, Ill, Merchandise Mart Bldg Whitehall 4-6750
Cincinnati 2, Ohio, 1517 Carew Tower Dunbar 1414
Cleveland 14, Ohio, 875 Union Commerce Bldg Superior 1-3830
Detroit 2, Mich, 827 Fisher Bldg Trinity 2-3118
Houston 2, Tex, 904 City National Bank Bldg Atwood 6421
Los Angeles 15, Cal, 714 W Olympic Blvd Richmond 7-7201
Minneapolis, Minn, Foshay Tower Bldg Fillmore 4651
N Y 22, 445 Park Ave Plaza 9-8200
Phila 7, Pa, 723 Widener Bldg Locust 4-0247
Portland, Ore, 421 S W 6 Ave Broadway 2549
San Francisco 4, Cal, 111 Sutter St Yukon 6-6232
Seattle 4, Wash, 911 Western Ave Main 4203

Monsanto Chem Co, Plastics Div, Springfield 2, Mass Linden 3-3371
Chicago 54, Ill, Merchandise Mart Bldg Whitehall 4-6750
Cincinnati, Ohio, Carew Tower Dunbar 1414
Detroit 2, Mich, 827 Fisher Bldg Trinity 2-5728
Houston 2, Tex, City National Bank Bldg Atwood 6421
Los Angeles 15, Cal, 714 W Olympic Blvd Richmond 7-7201
Minneapolis, Minn, Foshay Tower Bldg Fillmore 4651
N Y 22, 445 Park Ave Plaza 9-8200
Portland, Ore, 421 S W 6 Ave Broadway 2549
St Louis, Mo, 7 N Brentwood Blvd Main 4000
San Francisco 4, Cal, 111 Sutter St Yukon 6-6232
Seattle 4, Wash, 911 Western Ave Main 4203

Monsanto Chem Co, Rubber Chem Dept, 920 Brown St, Akron 11, Ohio Hemlock 6191
Los Angeles 15, Cal, 714 W Olympic Blvd Richmond 7-7201
San Francisco 4, Cal, 111 Sutter St Yukon 6-6232

Monsanto Chem Co, Rubber Service Div Akron 11, Ohio, 920 Brown St Hemlock 6191
Los Angeles 15, Cal, 714 W Olympic Blvd Richmond 7-7201
Portland, Ore, 421 S W 6 Ave Broadway 2549
San Francisco 4, Cal. 111 Sutter St Yukon 6-6232
Seattle 4, Wash, 911 Western Ave Main 4203

Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex 5-4431
Akron 11, Ohio, 920 Brown St Hemlock 6191
Los Angeles, Cal, 714 W Olympic Blvd Richmond 7-7201
N Y 22, 445 Park Ave Plaza 9-8200
Portland, Ore, 421 S W 6 Ave Broadway 2549
San Francisco, Cal Yukon 6-6232
Seattle, Wash, 911 Western Ave Main 4203

Monsanto Chem Co, Textile Div
Boston 49, Mass, Everett Sta Everett 7-5010
Charlotte 2, N C, 1117 Johnston Bldg 5-4870
Los Angeles 15, Cal, 714 W Olympic Blvd Richmond 7-7201
N Y 22, 445 Park Ave Plaza 9-8200
Phila 7, Pa, 723 Widener Bldg Locust 4-0247
Portland, Ore, 421 S W 6 Ave Broadway 2549

Montgomery Bros, Inc, Penrose & Packer Aves, Phila 45, Pa Dewey 4-0418

Montrose Chem Co, 120 Lister Ave, Newark 5, N J Mitchell 2-6810

Mooney Chem, Inc, 2271 Scranton Rd, Cleveland 13, Ohio Superior 1-8383

Moore Co, 800 S Missouri Ave, Marceline, Mo 515

Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz 5-2594

Moore & Munger, 33 Rector St, N Y 6 Whitehall 4-0714

Moore Products Co, H & Lycoming Sts, Phila 24, Pa JE 3-3500
Chicago 49, Ill, 1809 E 71 St Plaza 2-5748
Detroit 2, Mich, 10226 Woodward Ave Townsend 9-3660
Houston 11, Tex, 7041 Harrisburg Blvd Yukon 5200
Los Angeles 45, Cal, 6214 W Manchester Ave Oregon 8-4656
Louisville 4, Ky, 1412 Bardstown Rd Highland 6728
N Y 17, 51 E 42 St Murray Hill 7-7433
Pittsburgh 16, Pa, 3031 W Liberty Ave Fieldbrook 1-9000
Phila 24, Pa, H & Lycoming Sts JE 3-3500

Moores Lime Co, P O Box 878, Springfield, Ohio 3-8701

Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal CA 2-5186
Atlanta, Ga, 707 Henry Grady Bldg Alpine 0634

Morningstar Nicol Inc, 630 W 51 St, N Y 19 Columbus 5-2860
Boston, Mass, 79 Milk St
Charlotte, N C, 321 E 6 St
Chicago 16, Ill, 1770 Canalport
Cleveland, Ohio, 7016 Euclid Ave
Hawthorne, N J, 4 & Utter
Houlton, Maine
Minneapolis, Minn, 718 Washington Ave N
Phila, Pa, Harrison Bldg, 15 & Market
St Louis 15, Mo, Union Blvd & Brown Ave

Morse Mfg Co, 727 W Manlin St, E Syracuse, N Y

Morton Salt Co, Chem Div, 120 S LaSalle St, Chicago 3, Ill Fi 6-1300

Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C 4-5468

Moto-Truc Co, 1953 E 59 St, Cleveland 3, Ohio Utah 1-9595

Mueller Co, 512 W Cerro Gordo, Decatur, Ill 4181
Chicago, Ill, 205 W Wacker Dr Franklin 2-2614
Los Angeles, Cal, 2801 E 12 St Angelus 4194
N Y, Empire State Bldg Lackawanna 4-4394
San Francisco, Cal, 681 Market St Exbrook 2-5314

Multi-Clean Products Inc, 2277 Ford Pkwy, St Paul 1, Minn Emerson 1396
Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio 2-3525
Multi-Metal Wire Cloth Co, Inc, 1350 Garrison Ave, N Y 59, N Y Kilpatrick 2-2500
Munson Mill Machy Co, Inc, 210 Seward Ave, Utica 1, N Y 2-3191
James S Murphy & Co Inc, 1421 High St, Hamilton, Ohio
Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio Diamond 1-2211
A B Murray Co, Inc, 649 Green Lane, Elizabeth, N J 4-1200
McKeesport, Pa, P O Box 405 4-9107
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis 2-2045
Chicago 11, Ill, 814 Michigan-Ohio Bldg, 612 N Michigan Ave Superior 7-4038
Mutchler Chem Co, Inc, 258-259 Broadway, N Y 7 Digby 9-4735
P B Mutrie Motor Trans, Inc, Calvary St, Waltham 54, Mass Decatur 2-1720
Mutual Chem Co of America, 270 Madison Ave, N Y 16 Murray Hill 5-9710

N

Nagle Pumps, Inc, 1249 Center Ave, Chicago Heights, Ill Skyline 4-2940
Napthalene Products Co, P O Box 6328, Tarrant 7, Ala 52-2144
Nash Engrg Co, S Norwalk, Conn Norwalk 6-3351
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa DE 6-5300
Houston, Tex, 2512 S Blvd Jackson 7070
NATIONAL ANILINE DIV, ALLIED CHEM & DYE CORP, 40 Rector St, N Y 6
See Catalog Pg. 66
Atlanta 2, Ga, 254 E Paces Ferry Rd Exchange 3594
Boston 14, Mass, 150 Causeway St Capitol 7-0490
Charlotte 1, N C, 201-203 W 1 St 3-9221
Chattanooga 2, Tenn, James Bldg 6-6347
Chicago 54, Ill, Merchandise Mart Superior 7-3387
Columbus, Ga, Columbus Interstate Bldg 3-1029
Greensboro, N C, Jefferson Standard Bldg 2-2518
New Orleans 12, La, 714 Carondelet Bldg Raymond 7228
Phila 6, Pa, 200-204 S Front St Lombard 3-6382
Portland 9, Ore, 730 W Burnside St Beacon 1853
Providence 3, R I, 15 Westminster St Dexter 1-3008
Richmond 19, Va, 8 N 5 St 2-1930
San Francisco 5, Cal, 517 Howard St Sutter 1-7507
National Biochem Co, 3106 W Lake St, Chicago 12, Ill SA 2-0126
National Box & Lumber Co, 222 Pacific St, Newark 5, N J Market 3-0443
National Carbide Co, Div Air Reduction Co, Inc, 60 E 42 St, N Y 17 Mu 2-6700
National Carbon Co, Div Union Carbide & Carbon Corp, 30 E 42 St, N Y 17 Murray Hill 7-8000
Atlanta 3, Ga, 41 Marietta St, N W Main 7700
Chicago 1, Ill, 230 N Michigan Ave Financial 6-3300
Cleveland 1, Ohio, 117 St & Madison Ave Lakewood 4-1000
Dallas 1, Tex, 1511 Bryan St Riverside 9176
Kansas City 8, Mo, 19 & Campbell Sts Baltimore 2400
Pittsburgh 22, Pa, 632 Oliver Bldg Express 1-0188
San Francisco 6, Cal, 22 Battery St Yukon 2-1360
National Casein Co, 601 W 80 St, Chicago 20, Ill Vincennes 6-7300
Riverton, N J, Broad & Fulton Sts 9-1880
National Chem Co, 1516 Industrial St, Los Angeles 21, Cal Trinity 4055
National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md Peabody 1783
National Distillers Chem Co Div, National Distillers Products Corp, State Rd, Ashtabula, Ohio 2-3186
N Y, 120 Broadway Cortlandt 7-8800
National Elec Mfg Co, 1107 Sheffield, Niles, Mich 2320
National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn Chestnut 8-5566
Chicago 8, Ill, 2627 W 19 St Bishop 7-2627
Cincinnati 37, Ohio, 1717 Section Rd Redwood 9752
Houston 2, Tex, 1406 Second National Bank Bldg Fairfax 2248
Salt Lake City 1, Utah, 334 Felt Bldg Annex 3-5113
National Foam System Inc, Union & Adams Sts, W Chester, Pa 3600
N Y 6, 90 West St Digby 4-0581
National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y Cleveland 5880
Atlanta, Ga, 1105-1110 Citizens & Southern National Bank Bldg Walnut 2782
Birmingham, Ala, 1411 1 National Bank Bldg 4-7554
Boston 16, Mass, 701-703 Consolidated Bldg Hubbard 2-1766
Charlotte 3, N C, P O Box 3142 2-2191
Chicago 2, Ill, 1727 Chicago Title & Trust Bldg State 2-3590
Cincinnati 6, Ohio, 2350 Victory Parkway Capitol 4050
Clayton 5, Mo, 219-221 Forsythe Plaza Bldg Delmar 9708
Cleveland 13, Ohio, 440 Terminal Tower Bldg Tower 1-5063
Dallas 5, Tex, 6119 Berkshire Lane Forest 8-6486
Detroit 24, Mich, 16641 E Warren Ave Tuxedo 4-3000
Houston 25, Tex, 1206 Prudential Bldg Justin 5403
Jacksonville, Fla, P O Box 5482 98-4511
Kansas City 6, Mo, 1345-1352 Dierks Bldg Victor 3746
Minneapolis 2, Minn, 436-440 Baker Bldg Main 6347
N Y 17, N Y 2150 Graybar Bldg Lexington 2-5910
Phila 4, Pa, 311 Wilford Bldg Evergreen 6-7852
Pittsburgh, Pa, 502 Frick Bldg Express 1-1830
Washington, D C, Congressional Hotel Bldg Lincoln 3-7032
York, Pa, P O Box 427 (Agricultural Office) 5447
National Lead Co, 111 Broadway, N Y 6 Rector 2-9400
Atlanta, Ga, 400 Bishop St Elgin 7361
Baltimore, Md, 214 W Henrietta St Plaza 6900
Boston 6, Mass, 800 Albany St Garrison 7-1000
Chicago 8, Ill, 900 W 18 St Canal 6-3700
Cincinnati 3, Ohio, 659 Freeman Ave Parkway 7970
Cleveland 13, Ohio, 1776 Columbus Rd Prospect 1-4060
Dallas 2, Tex, 959 Terminal St Prospect 8335
Houston 1, Tex, P O Box 1675 (Baroid Sales Div) Linden 6381
Los Angeles 23, Cal, 2717 S Indiana St (Morris P Kirk & Son, Inc) Angelus 2-1101
Minneapolis 21, Minn, 25 44 Ave N E (Minnesota Linseed Oil Co) Sterling 4893
Phila 25, Pa, 2607 E Cumberland St Garfield 6-0600
St Louis 1, Mo, 722 Chestnut St Chestnut 8785
San Francisco 10, Cal, 2240 24 St Mission 7-0400
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J Bergen 3-0088
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J Bigelow 3-0700
Hicksville, L I, 1 Charles Pl 3-6266
Newburgh, N Y, 178 S Robinson Ave 4543
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass Elliot 4-5400
National Rosin Oil Products, Inc, R K O Bldg, Radio City, N Y 20 Circle 7-4473
Chicago 32, Ill, 3001 W 47 St Lafayette 3-5601
National Rubber Machy Co, 47 W Exchange St, Akron, Ohio Hemlock 3131
Newark, N J, 1180 Raymond Blvd Mitchell 2-1849
National Starch Products, Inc, 270 Madison Ave, N Y Lexington 2-0060
Atlanta, Ga, 194-210 Haynes St N W Alpine 7761
Boston, Mass, 53 Fargo St Liberty 2-6268
Chicago, Ill, 3641 S Washtenaw Ave Lafayette 3-6332
Houston, Tex, M & M Bldg, 1 Main St Atwood 3292
Phila, Pa, 1305 Germantown Ave Poplar 5-6800
San Francisco, Cal, 735 Battery St Garfield 1-0200
South Boston, Mass, 15 Elkins St 8-1770
National Tank & Pipe Div, M & M Wood Working Co, 2301 N Columbia Blvd, Portland 17, Ore TW 1112
National Tube Div, United States Steel Co, 525 William Penn Pl, Pittsburgh 30, Pa
National Wax Co, 1300 W Division St, Chicago 22, Ill Armitage 6-5333
National Zinc Co, Inc, W 11 St, P O Drawer 579, Bartlesville, Okla 1072
N Y 4, 11 Broadway
Natural Products Refining Co, 902 Garfield Ave, Jersey City 5, N J Henderson 3-4060
Naugatuck Chem Div, United States Rubber Co, Elm St, Naugatuck, Conn 5241
Akron 4, Ohio, 247 E Exchange St Blackstone 8919
Boston 10, Mass, 560 Atlantic Ave Liberty 2-6360
Charlotte 2, N C, 611 W 5 St 5-7244
Chicago 39, Ill, 2638 N Pulaski Rd Dickens 2-0724
Los Angeles 22, Cal, 5901 Anaheim-Telegraph Rd Underhill 0-1171
Memphis 7, Tenn, 1480 N Front St 8-1268
N Y 10, 254 4 Ave Circle 7-5000
Phila 6, Pa, 5 & Locust Sts Lombard 3-7445
Neff & Fry Co, 150 S Main St, Camden, Ohio 178
Nelson-Wells & Co, Box 348, Red Bluff, Cal 9 R 3
Nepera International Corp, 37 Wall St, N Y 5 Whitehall 3-2360
Neptune Meter Co, 50 W 50 St, N Y 20, N Y Columbus 5-3994
Atlanta, Ga, 254 Spring St Lamar 5016
Boston 16, Mass, 250 Stuart St Hancock 6-9123
Chicago 24, Ill, 4048 W Taylor St Sacramento 2-4014
Dallas 2, Tex, 315 Cole St Riverside 4904
Denver 17, Col, 1700 15 St Main 3221
Los Angeles 13, Cal, 701 E 3 St Michigan 5112
Louisville 2, Ky, 815 W Market St Jackson 2293
North Kansas City 16, Mo, 25 W 15 St Norclay 3345
Phila 2, Pa, 1420-26 S Penn Sq Locust 4-3170
Portland 9, Ore, 1238 N W Glisan St Broadway 0100
San Francisco 11, Cal, 320 Market St Garfield 1-8144
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa Michigan 4-4983
Nesco, Inc, P O Box 6, Granite City, Ill
William D Neuberg Co, Inc, 420 Lexington Ave, N Y 17 Oregon 9-2558
Neville Co, Neville Island, Pittsburgh 25, Pa Federal 1-4200
Anaheim, Cal, 1336 Patt St 5-015
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass 7-0318
New Jersey Zinc Sales Co, 160 Front St, N Y 38 Whitehall 3-5700
Boston 11, Mass, 137 Kneeland St HU 2-5798
Chicago 1, Ill, 221 N LaSalle FI 6-1469
Cleveland 14, Ohio, 938 National City Bank Bldg Main 1-0155
Los Angeles 21, Cal, 2424 Enterprise St
San Francisco 24, Cal, 1495 Custer Ave
Newark Steel Drum Co, 1200 W Blancke St, Linden, N J 3-4466
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J Humboldt 3-7700
Newport Industries, Inc, 230 Park Ave, N Y 17 Murray Hill 6-7305
Chicago, Ill, 2001 W Pershing Rd Frontier 6-2623
Cincinnati, Ohio, 30 E Central Pkwy Cherry 4933
Memphis, Tenn, 1302 Sterick Bldg 5-0488
Phila, Pa, 1604 Fox Bldg Rittenhouse 6-1659
New Process Metals Inc, 46-50 Center St, Newark 2, N J Bigelow 3-2684
New York Color & Chem Co, Inc, 374 Main St, Belleville 9, N J Plymouth 9-7700
Chicago, Ill, 110 N Franklin St State 2-0327
Danvers, Mass, Riverside Ave 867
Phila, Pa, Wilford Bldg, 33 & Arch Sts Evergreen 2-4955
New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17 Lexington 2-2851
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y Evergreen 8-5600
Chicago, Ill, 729 W Division St Delaware 7-4779
Niagara Alkali Co, 60 E 42 St, N Y 17 Murray Hill 2-8090
Niagara Filter Div, American Mach & Metals, 3080 Main St, Buffalo 14, N Y Am 2100
Nichols Engrg & Research Corp, 70 Pine St, N Y 5 Whitehall 3-5520
Indianapolis, Ind, 1920 N Meridian St
Pasadena 1, Cal, 40 S Los Robles Ave
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa 2-6194
Nicholson & Co, 161 1 St, Cambridge 42, Mass Trowbridge 6-6600
Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich Texas 4-0141
Nilok Chem, Inc, 2000 College Ave, Niagara Falls, N Y
Ninol Labs, 1719 S Clinton St, Chicago 16, Ill Chesapeake 3-9625
Nitrogen Products, Inc, National Bank Bldg, New Brunswick, N J
Dayton, N J, Georges Rd at PRR Charter 7-1118
NOPCO CHEM CO, Logan & Davis Sts, Harrison, N J 6-6200
See Catalog Pg. 67
Boston 10, Mass, 10 High St Hubbard 2-1202
Cedartown, Ga, 701 Wissahickon Ave, P O Box 1003 230
Chicago 9, Ill, 3625 Jasper Pl Lafayette 3-3771
Richmond, Cal, 1141 S 14 St Beacon 4-4811
Nopel Corp, 2 Broadway, N Y 4 Whitehall 4-5328
Norcross Corp, 247 Newtonville Ave, Newton 58, Mass Decatur 2-2310
Charlotte, N C, 123 N Poplar St 5-1357
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1 Watkins 4-7878
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 1, Wis Sheridan 4-2079
Dallas 1, Tex, 419 Cotton Exchange Bldg
New Orleans 12, La, 124 Camp St
N Y 17, 60 E 42 St Murray Hill 7-7666
St Louis 18, Mo, 3300 S 2 St
San Francisco 7, Cal, 674 Harrison St Exbrook 2-3305
Seattle 9, Wash, 2520 Westlake Ave N
Spokane 13, Wash, East 417 Augusta Glenwood 9915
Washington 6, D C, 609 Barr Bldg
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Chicago 54, Ill, 11-110 Merchandise Mart Whitehall 3-0250
Newark 2, N J, 10 Commerce Court Mitchell 2-3385
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio BR 1-6000
Buffalo 16, N Y, 1441 Hertel Ave Bedford 2829
Chicago 25, Ill, 4740 N Western Ave Longbeach 1-4418
Cincinnati 27, Ohio, 3810 West St (Mariemont) Bramble 4191
Detroit 35, Mich, 18423 James Couzens Hwy University 4-7191
Phila 4, Pa, 101 N 33 St Baring 2-4918
Pittsburgh 28, Pa, 729 Washington Rd Lehigh 1-0404
Plainfield, N J, 9 Watchung Ave, Union Bldg 6-6864
Salem, Ohio, 657 E State St, P O Box 195 5870
Worchester 2, Mass, 5 Potomska Rd 6-3195
North American Refractories Co, 1012 National City E 6 St Bldg, Cleveland 14, Ohio Main 1-5200
Boston, Mass, 516 Albany St Hubbard 5050
Buffalo 3, N Y, Ellicott Sq Bldg Cleveland 8406
Chicago 5, Ill, 59 E Van Buren St Wabash 2-9796
Cincinnati 16, Ohio, 22 Woodsdale St Main 0994
Detroit 2, Mich, Curtis Bldg Trinity 4-3690
N Y 7, 50 Church St Cortlandt 7-3963
Phila 2, Pa, Blue Cross Bldg Rittenhouse 6-2297
Pittsburgh 22, Pa, Oliver Bldg Atlantic 1-4282
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio Olympic 1-1300
Northern Cooperage Co, Div, Greif Bros Cooperage Corp, Concord & Page Sts, St Paul 7, Minn Riverview 4900
Minneapolis, Minn, 3755 University Ave N E Granville 5252
Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash Elliott 3616
Los Angeles, Cal, 1329 Willow St Madison 9-1262
Portland, Ore, 1233 N W Kearney St Beacon 2818
San Francisco, Cal, 444 Market St Sutter 1-4657
Norton Co, 1 New Bond St, Worcester, Mass 2-4641
Norwalk Co Inc, P O Box 548, S Norwalk, Conn Norwalk 6-0216
Nova Chem Corp, 153 Waverly Pl, N Y 14 Watkins 9-0860
Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex Fortune 7600
Nox-Rust Chem Corp, 2429 S Halsted St, Chicago 8, Ill Calumet 5-5093
Baltimore, Md, 1020 Mathieson Chemical Bldg
Detroit, Mich, 433 New Center Bldg
Los Angeles, Cal, 1855 Industrial St
San Francisco 7, Cal, 725 2 St

National Aniline Division

ALLIED CHEMICAL & DYE CORPORATION

40 RECTOR STREET, NEW YORK 6, N.Y. • BOwling Green 9-2240

Boston 14, Mass., 150 Causeway St.	CApitol 7-0490	Richmond 19, Va., 8 North Fifth St.	Richmond 2-1930
Providence 3, R.I., 15 Westminster St.	DExter 1-3008	Columbus, Ga., Columbus Interstate Bldg.	Columbus 3-1029
Philadelphia 6, Pa., 200-204 S. Front St.	LOmbard 3-6382	Greensboro, N.C., Jefferson Standard Bldg.	GReensboro 2-2518
San Francisco 5, Cal., 517 Howard St.	SUtter 1-7507	Chattanooga 2, Tenn., James Building	CHattanooga 6-6347
Portland 9, Ore., 730 West Burnside St.	Beacon 1853	Atlanta, Ga., 1216 Spring St., N. W.	Elgin 0308
Chicago 54, Ill., The Merchandise Mart	SUperior 7-3387	New Orleans 12, La., Carondelet Building	Raymond 7228
Charlotte 1, N.C., 201-203 West First St.	CHarlotte 3-9221	Toronto 2, Canada, 137-143 Wellington St. W.	Empire 4-4495

SYNTHETIC ORGANIC CHEMICALS

We will supply samples and technical data to stimulate work that may lead to new or expanded uses for these synthetic organic chemicals.

Aspartic Acid (DL) • 2,4'-Benzophenone Dicarboxylic Acid • beta-Benzoyl Acrylic Acid • Diallyl Maleate • 1,2-Dibenzoylethylene (trans) • 1,4-Dihydroxy Naphthalene • 2,3-Dihydroxy Naphthalene-6-Sodium Sulfonate • 1,5-Dihydroxy Naphthalene • Fumaryl Chloride Hexahydro Phthalic Anhydride • Monochloro Maleic Anhydride • Nadic Anhydride [endo-cis-Bicyclo(2,2,1)-5-Heptene-2,3-Dicarboxylic Anhydride] • 1,4-Naphthoquinone Phthalide • Phthalimide • gamma-Pimelo Dilactone • Potassium Acid Acetylene Dicarboxylate • Tetrahydro Phthalic Anhydride (Cis-4-Cyclohexene-1,2-Dicarboxylic Acid Anhydride) • Tetrahydro Phthalimide • Alkenyl Succinic Anhydride • N-Alkyl Succinimides N-Chloro Aryl Succinimides

We also welcome requests for samples and data on these National Organic Chemicals:

S-Alkylthiomalic Acids • Dimethyl Dichlorosuccinate (Antimycotic NPD-4019) • Fumaric Acid Maleic (Toxilic) Acid • Maleic (Toxilic) Anhydride • Malic Acid (Technical & Food Grade) Normal Calcium Malate • Sodium Acid Maleate • Succinic Acid • Succinic Acid Anhydride

as well as for these National Antioxidants:

Acetaldoxime • Butyraldoxime • Methyl Ethyl Ketoxime • National Antioxidant B National Antiskinning Agent

PHARMACEUTICAL CHEMICALS

We list here some of the pharmaceutical chemicals which National Pharmaceutical Laboratories are prepared to make on a contract basis to exacting specifications. We have no major interest in making or marketing finished pharmaceuticals. We do, however, have a very long and substantial background of research on related products incidental to the development of National Aniline Dyes, Stains and Certified Colors. We are particularly interested in developing and supplying intermediates of aromatic and heterocyclic structures, derived from Benzene, Naphthalene, Anthracene, Anthraquinone and Quinoline rings; also derivatives of Maleic and Succinic Acid Anhydrides.

para-Acetamino Benzaldehyde • 1-Acetylamino-6-Hydroxy Naphthalene • Amino Acridine Hydrochloride • 4-Amino Antipyrine • para-Amino Benzoic Acid USP and Technical para-Amino Hippuric Acid • Aminopyrine • N-Bromosuccinimide • Calcium Succinate N-Chlorosuccinimide • 2-Chloro-4-Nitro Benzoic Acid • 1,6-Dihydroxy Naphthalene N,N-Dimethylamino-para-Cresol (1-Methyl-2-Dimethylamino-4-Hydroxy Benzene) • meta-Hydroxy Benzaldehyde • 2-Hydroxy-1,4-Naphthoquinone • Isatin • 3-Nitro-4-Acetylamino Anisole (4-Acetamido-3-Nitro Anisole) • meta-Nitro Benzaldehyde • para-Nitrobenzene Sulfonyl Chloride • Sodium para-Amino Benzoate • Succinic Acid • Succinic Anhydride Succinimide • Thiomalic Acid

SYNTHETIC DETERGENTS
DYESTUFFS
TEXTILE-PROCESSING ASSISTANTS
CERTIFIED F.D.&C. COLORS
BIOLOGICAL STAINS & INDICATORS
COATING-RESIN CHEMICALS

Allied Chemical

NOPCO CHEMICAL COMPANY

SUPPLIER OF CHEMICALS TO INDUSTRY FOR NEARLY 50 YEARS

Nopco Chemical Company, organized in 1907 to produce processing chemicals for industry, has grown until, today, its three plants, nationwide distribution facilities, and direct technical sales representation in 44 States make Nopco products and service available to manufacturers and processors from coast to coast.

At Harrison, N. J., alone, thirteen highly trained laboratory staffs concentrate on product analysis, control, and application problems. Equally competent laboratory staffs are maintained at all branch plants. Long-term research, a dominant factor in Nopco policy, is conducted continuously.

A Technical Service Division stands ready at all times to help manufacturers solve their particular application problems.

Nopco Industrial Chemicals Include:

DISPERSED METALLIC SOAPS
Providing:
Paper Coating Ingredients
Rubber Parting Compounds

SODIUM SOAPS OF VEGETABLE FATS
Providing:
Cement Air-Entraining Agents
Paper Sizing
Paper Coating Ingredients
Wool Fulling and Scouring Oils

SULFATED OILS
Providing:
Acid Fulling Aid
Cutting Oil Bases
Furniture Polish Emulsifiers
Hair Shampoo Bases
Insecticide Emulsifiers
Latex Stabilizers
Leather Fatliquors (all grades)
Mineral Oil Emulsifiers
Paper Coating Ingredients
Pigment Flushing Aids
Pine Oil Emulsifiers
Starch Plasticizers
Textile Dyeing Penetrant
Textile Finishing Aids
Textile Wetting & Rewetting Agents
Viscose Clarifiers

FATTY AMINES
Providing:
Paper Rewetting Agents
Textile Dyeing Assistant
Viscose Processing Aid
Wool Fabric Napping Aid

SOLUBLE PINE OILS
Providing:
Paper Coating Ingredient
Textile Dyeing Penetrant

POLYACRYLIC RESINS
Providing:
Latex Thickeners
Textile Warp Size

SOLUBLE MINERAL OILS
Providing:
Leather Split Oils
Pigment Grinding Aid
Rayon and Nylon Knitting Yarns
Rayon and Nylon Weaving Yarns
Wool Spinning Lubricant

EMULSIFIED ANIMAL FATS
Providing:
Copper Wire Drawing Compounds
Paper Stock Defoamer

SULFONATED ALKYLATED AROMATICS
Providing:
Insecticide Emulsifiers
Metal Pickling Assistants
Paper Pitch Dispersing Agents

EMULSIFIED VEGETABLE OILS
Providing:
Gelatin Plasticizers
Latex Paint Defoamers
Leather Fatliquors
Rayon Crepe Soaking
Rayon Hosiery Yarn Treatments
Silk Soaking Oils
Worsted Fiber Lubricant

EMULSIFIED RESINS
Providing:
Adhesive Ingredients
Latex Extenders

FATTY ESTERS
Providing:
Aluminum Rolling Oil Additive
Copper Rolling Oil Additive
Insecticide Emulsifiers
Linseed Oil Extenders
Penicillin Fermentation Defoamer
Textile Finishing Aids

SULFATED FATTY ESTERS
Providing:
Paper Rewetting Agents
Textile Wetting and Rewetting Agents

EMULSIFIED SOLVENTS
Providing:
Dry Cleaning Aids
Paper Stock Defoamers
Textile Yarn Scouring Aid

FATTY AMIDES
Providing:
Dry Cleaning Assistants
Laundry Washing Aid
Paper Felt Washing Compound
Textile Detergents
Wax Dispersing and Emulsification
Wool Fulling and Scouring Oils

EMULSIFIED PARAFFIN WAX
Providing:
Beet Sugar Defoamers
Paper Sizing
Textile Fabric Finishing Aid

NOPCO
EVOLVED THRU RESEARCH

NOPCO CHEMICAL COMPANY

Logan and Davis Streets

Harrison, New Jersey

Branches: Boston • Chicago • Cedartown, Ga. • Richmond, Calif.

NOPCO CHEMICALS PROMOTE INCREASED OUTPUT, IMPROVE PRODUCTS, AND LOWER COSTS

Nuclear Instrument & Chem Corp, 223 W Erie St, Chicago 10, Ill Delaware 7-3060
Los Angeles 41, Cal, 1061 W Colorado Blvd Albany 4711
N Y 1, Empire State Bldg Longacre 4-3279
Silver Spring, Md, 10407 Georgia Ave Juniper 9-3699

Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y Fairview 5453
Baltimore, Md, 1605 Court Sq Bldg Plaza 3080
Detroit 26, Mich, 424 Book Bldg Woodward 19085
Los Angeles, Cal, 1248 Wholesale St Tucker 8851
N Y 36, 520 5 Ave Murray Hill 2-5844
Oakland, Cal, 600 16 St Templebar 6-4700
Phila, Pa, 1311 Widener Bldg Rittenhouse 6-4720
Pittsburgh, Pa, 561 Calera St Homestead 2-3650
Tinley Park, Ill Kellogg 2-4181

Nuodex Products Co, Inc, 830 Magnolia Ave, Elizabeth F, N J Bigelow 2-8500
Chicago, Ill, 4707 N Broadway Uptown 8-5841
Detroit 35, Mich, 18050 James Couzens Hway University 1-7761
Los Angeles 43, Cal, 4710 Crenshaw Blvd Axminster 3-0784

Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill Haymarket 1-5760

Nutritional Research Associates, Inc, S Whitley, Ind 100

Nyanza Color & Chem Co, Inc, 109 Worth St, N Y 13 Beekman 3-3245

O

Oakite Products Inc, 19 Rector St, N Y 6 Whitehall 3-0940
Atlanta 3, Ga, 317 Palmer Bldg Main 1995
Chicago 11, Ill, Wrigley Bldg, 400 N Michigan Ave Superior 7-8058
Cleveland 15, Ohio, 1104 Citizens Bldg, 850 Euclid Ave Cherry 1-0513
Dallas 1, Tex, Kirby Bldg, 1509 Main St Prospect 2200
Detroit 2, Mich, 8-237 General Motors Bldg Trinity 5-6330
Hartford 3, Conn, Capitol Bldg, 410 Asylum St 6-8323
Kansas City 2, Mo, 511 Porter Bldg, 406 W 34 St Westport 6620
Los Angeles 12, Cal, 1001 E 1 St Madison 1544
Milwaukee 2, Wis, 757 N Broadway Broadway 6-7440
N Y 6, 19 Rector St Whitehall 3-0940
Phila 3, Pa, Wesley Bldg, 1701 Arch St Locust 7-3692
St Louis 8, Mo, 903 Continental Bldg, 3615 Olive St Jefferson 0511
San Francisco 5, Cal, Monadnock Bldg, 681 Market St Yukon 2-6582

Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal NO 2-2116

Ohio-Apex Inc Div, Food Machy & Chem Corp, Nitro, W Va 152

Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio 4-1146
Boston, Mass, 160 N Washington St Richmond 2-1232
Buffalo 2, N Y, 827 Liberty Bank Bldg Madison 1377
Cincinnati 2, Ohio, 320-21 First National Bank Bldg Main 1649
Cleveland 15, Ohio, 1501 Euclid Ave Main 1-9498
Columbus 12, Ohio, 1497 W 7 Ave Kingwood 7224
Decatur, Ga, 101 Thompson Bldg, 105 W Howard Ave Evergreen 5266
Detroit 2, Mich, 603 Fisher Bldg Trinity 5-4400
Germantown, Phila 44, Pa, 5515 Wissahickon Ave Victor 4-5682
Louisville 5, Ky, Administration Bldg, Bowman Field Cherokee 2611
N Y 6, 39 Broadway Digby 4-4703
Pittsburgh 19, Pa, 939 Gulf Bldg Atlantic 1-4468

Ohio Hydrate & Supply Co, Woodville, Ohio 2321

Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio 3-2131
Chicago, Ill, 205 W Wacker Dr Franklin 2-9754
N Y, 5940 Grand Central Terminal Murray Hill 9-5278
Phila, Pa, 785 Suburban Station Bldg Rittenhouse 6-6638
San Francisco, Cal, 333 Montgomery St Garfield 1-1262

Oil & Chem Products Inc, 295 Madison Ave, N Y 17 Murray Hill 6-0785
Houston, Tex, City National Bank Bldg Charter 4747

Oklahoma Planning & Resources Board, 533 State Capitol Bldg, Oklahoma City, Okla Jackson 8-2187

Old Dutch Mustard Co, Inc, 80 Metropolitan Ave, Bklyn 11, N Y Evergreen 7-9155
Chicago 6, Ill, 549 W Randolph St Randolph 6-9436

Old Dutch Refining Co, 2920 E Laketon Ave, Muskegon 1, Mich

Oldbury Electro-Chem Co, 19 Rector St, N Y 6 Digby 4-1668

Oliver United Filters Inc, 33 W 42 St, N Y 36 Longacre 3-3911
Chicago, Ill, 221 N LaSalle St State 2-0560
Oakland 1, Cal, 2900 Glascock St Kellogg 3-3636

Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill Armitage 6-0900
N Y, 30 Church St

Omega Mach Co, 345 Harris Ave, Providence, R I Gaspee 1-4302
Berkeley 2, Cal, 1036 University Ave 7-2157
Boston, Mass, 80 Boylston St Hancock 6-1060
Buffalo 14, N Y, 3053 Main St Parkside 1825
Kansas City 11, Mo, 3527 Broadway Jefferson 8080
Los Angeles, Cal, 5259½ Beverly Blvd Underhill 0-1235
Minneapolis, Minn, 221 Sexton Bldg Geneva 5-700
N Y, 20 Vesey St Cortlandt 7-1528
Oakmont, Pa, 434 Allegheny River Blvd 1814
Phoenix, Ariz, P O Box 7072 Montrose 1-4900
Seattle 4, Wash, 913 Artic Bldg Mutual 0341
Wilmette, Ill, 1141-43 Greenleaf Ave 3802

ONYX OIL & CHEM CO, Warren & Morris Sts, Jersey City 2, N J Henderson 4-1700
See Catalog Pg. 70-71
Atlanta, Ga, 468 Luckie St, N W Alpine 1154
Boston 10, Mass, 80 Federal St Liberty 2-3478
Charlotte, N C, P O Box 1546 8848
Chicago 2, Ill, 140 N Dearborn St Andover 3-5969

Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa 4-4278

Organics Inc, 1724 W Greenleaf, Chicago 26, Ill Ambassador 2-3253

Oronite Chem Co, 38 Sansome St, San Francisco, Cal SU 1-6940
Chicago, Ill, 600 S Michigan HA 7-1505
Dallas, Tex, 1420 Mercantile Securities Bldg PR 2531
Los Angeles, Cal, 605 W Olympic Blvd Van Dyke 7564
N Y, 30 Rockefeller Plaza Plaza 7-3260
San Francisco, Cal, 140 Hubbell St Underhill 3-5980

Orr & Sembower, Inc, Morgantown Rd, Reading, Pa 5-4341
N Y, 51 E 42 St

C J Osborn Co, 132 Nassau St, N Y 38 Beekman 3-3994

Ottawa Chem Co, 823 Hamilton St Toledo 7, Ohio Emerson 1110

Overland Commercial Corp, 400 Madison Ave, N Y 17 Eldorado 5-1432

Owens-Illinois Glass Co, Toledo 1, Ohio Fairfax 6543

Owens-Illinois Glass Co, Kaylo Div, P O Box 1035-1036, Toledo, Ohio Fairfax 6543
Atlanta 3, Ga, 1010 Whitehead Bldg Cypress 7801
Chicago 1, Ill, 1555 LaSalle-Wacker Bldg State 2-3120
Houston 19, Tex, 1973 W Gray, Room 2 Justin 0391
N Y 17, 604 Chrysler Bldg Murray Hill 6-4300
Pittsburgh 22, Pa, 1706 Clark Bldg Express 1-0262
St Louis 3, Mo, 601 Continental Bldg Newstead 7474
Toledo, Ohio, 2620 Dorr St Jordan 3771

Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla 3-0128

P

Pabco Products Inc, 475 Brannan St, San Francisco, Cal EX 2-3657
Atlanta, Ga
Baltimore, Md
Chicago, Ill
Cleveland, Ohio
Dallas, Tex
Los Angeles, Cal
N Y
Portland, Ore
Salt Lake City, Utah
Seattle, Wash

Pacific Coast Borax Co Div, Borax Consolidated, Ltd, 630 Shatto Pl, Los Angeles 5, Cal Dunkirk 7-5151
Auburn, Ala, First National Bank Bldg 1031
Chicago 16, Ill, 2295 Lumber St Canal 6-6620
Cleveland 3, Ohio, 5012 Euclid Ave Henderson 1-2632
East Alton, Ill, P O Box 229 Wood River 4-2434
N Y 17, 100 Park Ave Lexington 2-5920
Phila 4, Pa, 3102 Wilford Bldg Baring 2-6633

Pacific Fittings Div, General Motors Corp, 12024 Center St, Hollydale, Cal

Pacific Pumps Inc, 5715 Bickett St, Huntington Park, Cal Kimball 2203
Chicago 3, Ill, 122 S Michigan Ave Wabash 2-1335
Houston 10, Tex, 1619 Ovid St Atwood 2331
N Y 17, 122 E 42 St Murray Hill 3-4838
Tulsa 10, Okla, 1221 E 1 St 6-0995

Pacific Smelting Co, 22219 Western Ave, P O Box 85, Torrance, Cal Nevada 6-2556

Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal Douglas 2-0990
Los Angeles 23, Cal, 3135 E 26 St Angelus 3-6781

Page Steel & Wire Div, American Chain & Cable Co, Inc, Monessen, Pa
Atlanta, Ga, 1401 Howell Mill Rd N W Elgin 5717
Chicago 6, Ill, 400 W Madison St Central 6-9324
Denver 2, Col, 2125 Blake St Tabor 0197
Detroit 2, Mich, 601 Stephenson Bldg Trinity 5-4104
Los Angeles 21, Cal, 2475 Porter St Michigan 6403
N Y 17, 230 Park Ave Murray Hill 6-8800
San Francisco 7, Cal, 695 Bryant St Sutter 1708

Charles Page & Co, Inc, 50 E 42 St, N Y 17 Vanderbilt 6-0903

Paisley Products Inc, 1770 Canalport Ave, Chicago 16, Ill Canal 6-2219
Alamo, Tex, Box 1087 7-3273
Atlanta, Ga, 4795 Durden Dr Exchange 1494
Baltimore, Md Lexington 5927
Boston, Mass, 79 Milk St Hubbard 2-2175
Charlotte, N C, 321 E 6 St 6-3977
Cincinnati, Ohio, 43 Augusta Ave (Ft Wright, Ky) Garfield 2528
Cleveland, Ohio, 7016 Euclid Ave Express 1-9070
Dallas, Tex, 6341 Hollis Ave Evergreen 3150
Denver, Col, 224 Alameda Ave (Edwin F DeLine Co) Race 2803
Detroit, Mich, 6432 Cass Ave Trinity 1-4600
Indianapolis, Ind, 5769 Hillside Ave Glendale 0289
Jackson, Miss, Box 1783 Mississippi 6-1258
Jacksonville, Fla, 125 Margaret St (Apperson Chem Co) Florida 5-3557
Kansas City, Mo, 110 W 39 St Jefferson 4336
Little Rock, Ark, P O Box 56, Arch St Sta
Louisville, Ky, 4002 Alton Rd Taylor 4631
Milwaukee, Wis, Route 2, Box 114-F Sunset 1-8721
Minneapolis, Minn, 718 Washington Ave N (Placo Div) Geneva 4979
New Orleans, La, 2235 Athis St Canal 2349
N Y 19, 630 W 51 St Columbus 5-2860
North Providence, R I, 54 Towanda Dr West 6596-W
Ogden, Utah, 3571 Grant Ave Dial 2-9627
Oklahoma City, Okla, 103 N W 23 St 54-1449
Orlando, Fla, Michigan Ave & Railroad (Atlantic Chem Inc) 2-1032
Overland Park, Kan, 7426 Reeds Lane
Pewaukee, Wis, Rt 2, Box 114-F
Phila, Pa, Harrison Bldg, 15 & Market Locust 4-1914
Pittsburgh, Pa, 415 Geisler Dr Churchill 1-5018
Providence, R I, 20 Leslie St Williams 12911
Richmond, Va, 1405 National St 7-3953
Rochester, N Y, 662 Monroe Ave Monroe 4226
St Louis 15, Mo, Union Blvd at Brown Ave Evergreen 3100
San Antonio, Tex, Box 4104 Sta A G-4891
Springfield, Mass, 120 S Park Ave 4-9181
Toledo, Ohio, 607 Michigan St (Paper Merchants Inc) Main 2104
Vancouver, Wash, 5924 Riverside Dr 3-2274

Paispearl Products Inc, 65 Nassau St, N Y 38 Cortlandt 7-6341

Palmer Thermometers Inc, 2501 Norwood Ave, Cincinnati 12, Ohio Melrose 1500

Palmyra Lime Products Co, P O Box 187, Clarksville, Tenn 6916

Pan American Chem Div, Pan American Refining Corp, 122 E 42 St, N Y 17 Lexington 2-4322

Panalarm Products Inc, 6312 N Broadway, Chicago 40, Ill

Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md 3500
Boston (Natick) Mass, 15 Hardwick Rd Kirkland 7-2884
Buffalo 23, N Y, 223 Dalton Dr Amherst 4038
Chicago 40, Ill, 1105 Lawrence Ave Longbeach 1-6538
Cleveland (Cleveland Heights) 18, Ohio, Tracy Bldg, 2138 Lee Rd Fairmount 1-2670
Dayton (W Milton), Ohio, 262 N Miami St Michigan 6558
Detroit 2, Mich, 1012 Stephenson Bldg Trinity 5-5311
Indianapolis 20, Ind, 5425 College Ave Broadway 0406
Los Angeles (Pasadena 1), Cal, 318 First Trust Bldg, 595 E Colorado St Ryan 1-6715
N Y 17, 369 Lexington Ave Murray Hill 3-1396
Phila (Lansdowne), Pa, 213 Lansdowne Center Bldg Granite 2-2252
Pittsburgh 22, Pa, 200 Magee Bldg, 334 4 Ave Atlantic 1-2260
St Albans, Vt, 99 High St 1993
St Louis (Kirkwood) 22, Mo, 511 W Jewel Ave Kirkwood 0212
San Francisco 3, Cal, 952 Howard St Yukon 2-7048
Springfield 3, Mass, 121 Lyman St, Produce Bldg 3-2077
Syracuse 2, N Y, 406 Syracuse Kemper Insurance Bldg 2-2070
Tri Cities (Rock Island), Ill, 2223 24 St Rock Island 8-3495

Park Chem Co, 8074 Military Ave, Detroit 4, Mich Tyler 5-7215
Phila, Pa, 3031 N Melvale Garfield 6-6030

Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio Kenmore 1-3000
Los Angeles 45, Cal, 5827 W Century Blvd

Parr Instrument Co, 211 53 St, Moline, Ill 2-4744

M W Parsons-Plymouth Inc, 59 Beekman St, N Y 38 Beekman 3-3162

Patent Chem Inc, 335 McLean Blvd, Paterson 4, N J Mulberry 4-1726
Los Angeles, Cal, 900 Wilshire Blvd Madison 9-3401

Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio Main 2400
Atlanta, Ga, 311 Georgia Savings Bank Bldg Cypress 7381
Baltimore 2, Md, 1605 Court Sq Bldg Plaza 2977
Boston, Mass, 79 Milk St Hubbard 2-4450
Chicago 26, Ill, 7001 N Clark St Kildare 5-9743
Cincinnati 2, Ohio, 622-626 Broadway Dunbar 2330
Denver 5, Col, 2329 Champa St Alpine 3826
Detroit 26, Mich, 424 Book Bldg Woodward 1-9404
Houston 4, Tex, 2405 San Jacinto St Blackstone 5060
Los Angeles, Cal, 808 Los Angeles Transit Bldg, 1060 S Broadway Richmond 9161
N Y 1, Empire State Bldg, 350 5 Ave Longacre 5-3518
Phila 7, Pa, 1623 Widener Bldg Rittenhouse 6-0215
Pittsburgh 22, Pa, Investment Bldg, 237 4 Ave Court 1-1153
St Louis 5, Mo, Connor Bldg, 6625 Delmar Blvd Delmar 5589
San Francisco 11, Cal, 310 Sacramento St Yukon 6-1611
Seattle 1, Wash, 2603 2 Ave Main 4077

Patterson-Kelley Co, Inc, E Stroudsburg, Pa Stroudsburg 820
Chicago 4, Ill, Railway Exchange Bldg
N Y 17, 101 Park Ave
Phila 3, Pa, 1700 Walnut St
York, Pa, 2733 Jefferson Ave

Paul-Lewis Labs Inc, 4253 N Port Washington Rd, Milwaukee 12, Wis Edgewood 2-3545

F H Paul & Stein Bros Inc, 100 Gold St, N Y 38 Barclay 7-1731

Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich Webster 3-7525

Peerless Electric Co, 1401 W Market St, Warren, Ohio 3115-1
Boston 10, Mass, 10 High St Liberty 29043
Chicago 6, Ill, 565 W Washington Blvd Central 6-6827
Cincinnati, Ohio, 720 Main St Dunbar 5300
Cleveland Heights 18, Ohio, 2810 E Overlook Rd Yellowstone 2-9725

Denver 11, Col, 2415 15 St Grand 1243
Detroit 2, Mich, 6432 Cass Ave Trinity 1-4600
Indianapolis 20, Ind, 6208 College Ave Glendale 0860
Kansas City, Mo, Porter Bldg Jefferson 4615
Los Angeles, Cal, 2113 S San Pedro St Richmond 7-9401
Minneapolis 4, Minn, 338 E Franklin Ave Geneva 1805
N Y 17, 122 E 42 St Murray Hill 3-2662
Phila, Drexel Hill, Pa, 4812 Drexel Brook Dr Clearbrook 9-3546
Portland 9, Ore, 1815 N W Northrup St Beacon 4197
Rochester 14, N Y, 812 Reynolds Arcade Bldg Baker 6691
San Francisco 3, Cal, 1122 Howard St Underhill 1-3527
Seattle, Wash, 911 Western Ave Seneca 3270
Toledo, Ohio, 1118 Madison Ave Main 2101

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y Stillwell 4-8960

Peerless Pump Div, Food Machv & Chem Corp, 301 W Ave 26, Los Angeles 31, Cal Capitol 1-3151
Dallas 9, Tex, 6310 Denton Dr Taylor 1438
Decatur, Ga, 215 Church St Crescent 2667
Indianapolis, Ind, 2005 Northwestern Ave Highland 9661
Los Angeles, Cal, 301 West Ave 26 CA 1-3151
N Y 5, 37 Wall St Digby 4-4350

Pekin Wood Products Co, Helena, Ark

Pelamay Products, 112 4 Ave, N Y 3 Gramercy 7-8468

Pelron Corp, 7740 W 47 St, Lyons, Ill Bishop 2-3166
Buffalo, N Y, Prudential Bldg Mohawk 5990
Cleveland 15, Ohio, 402 Swetland Bldg Prospect 1-2010
Detroit, Mich, 6432 Cass Ave Trinity 5-6300
Indianapolis, Ind, 325 Bankers Trust Bldg Capitol 3151
Milwaukee, Wis, 312 E Wisconsin Ave Marquette 8-8816
South Bend, Ind, 310 Sherland Bldg 4-2641

Penberthy Injector Co, Div, Buffalo Eclipse Corp, 1242 Holden Ave, Detroit 2, Mich Trinity 5-0900

Pendergrast Chem Co, 313 Chester Ave, S E, Atlanta, Ga Alpine 2642

Penetone Co, Tenafly, N J Englewood 3-8620

Penfield Mfg Co, Inc, 19 High School Ave, Meriden, Conn 5-1694

S B Penick & Co, 50 Church St, N Y 7 Cortlandt 7-1970
Chicago, Ill, 735 W Division St Mohawk 4-5651

Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa Evergreen 6-1001

Pennotex Oil Corp, 29 Broadway, N Y 6 Bowling Green 9-2668

Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa Rittenhouse 6-2713

Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa GA 6-1647

Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa 3-8600
Chester, Pa, Delaware Ave & Jeffrey St 4-4381
Paterson, N J, 140 Market St Armory 4-8871

Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa 4276
Hoboken, N J, 77 River St 4-0100
Phila, Pa, 1612 Market St Rittenhouse 6-5531

Pennsylvania Refining Co, B S & T Bldg, Butler, Pa 2781
Cleveland 4, Ohio, 2686 Lisbon Rd Tyler 1-2400
Edgewater, N J, P O Box 222 (N Bergen, N J) Union 4-0600

Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Appleton, Wis, Irving Zuelke Bldg 3-9307
Berkeley 4, Cal, Woolsey Bldg, 2168 Shattuck Ave Ashbury 3-2537
Bryan, Tex, Washington Ave
Chicago 1, Ill, Builders' Bldg, 228 N LaSalle St Andover 3-6170
Cincinnati 2, Ohio, 2208 Carew Tower Main 3168
Detroit 26, Mich, 2238 Buhl Bldg, 535 Griswold St Woodward 1-8051
Los Angeles 11, Cal, 4820 Loma Vista Ave Jefferson 6244
Montgomery, Ala, P O Box 11, Rt 6
Paterson, N J, 152 Market St Lambert 5-3500
Pittsburgh 19, Pa, 582 Union Trust Bldg Atlantic 1-5233
Portland 8, Ore, 6450 N W Front St (Pennsylvania Salt Mfg Co of Washington) Atwater 7655
Tacoma 1, Wash, 2901 Taylor Way (Pennsylvania Salt Mfg Co of Washington) Main 9101

Penola Oil Co, 15 W 51 St, N Y 19 Plaza 7-1200
Chicago 1, Ill, 221 N LaSalle St Randolph 6-9458
Detroit 26, Mich, 3780 Penobscot Bldg Woodward 5-5151
St Louis 1, Mo, 455 Paul Brown Bldg Garfield 4730

Perfection Co, Ltd, 211 S 5 St, P O Box 204, Waco, Tex 2-6291

Perkin-Elmer Corp, Main Ave, Norwalk, Conn 8-6501
New Orleans, La, Lee Circle Bldg Tulane 0872

Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa 6851
Grand Rapids, Mich, Columbian Storage & Transfer
High Point, N C, 1717 Ward St 7971
Milwaukee, Wis, 6034 Plankinton Bldg Broadway 2-3243
New Albany, Ind, Silver Hills
Shawano, Wis 1047

Permutit Co, 330 W 42 St, N Y 36 Longacre 3-4930
Boston 16, Mass, 404 Statler Bldg
Charlotte 3, N C, 831 E Morehead St
Chattanooga 2, Tenn, 517 Hamilton National Bank Bldg
Chicago 5, Ill, 407 S Dearborn St
Cincinnati 2, Ohio, 1130 Enquirer Bldg, 617 Vine St
Cleveland 15, Ohio, 1836 Euclid Ave
Decatur, Ill, 250 N Water St
Detroit 1, Mich, 720 Francis Palms Bldg, 2111 Woodward Ave
Houston 4, Tex, 4101 San Jacinto St
Jacksonville 6, Fla, 1746 E Adams St
Kansas City 8, Mo, 2201 Grand Ave
Los Angeles 14, Cal, 124 W 6 St
Minneapolis 3, Minn, 1111 Nicollet Ave
Phila 3, Pa, 34 S 17 St
Pittsburgh 12, Pa, 615 Dollar Savings & Trust Bldg
Rochester 4, N Y, 1025 Commerce Bldg, 119 Main St E
St Louis 8, Mo, 3903 Olive St
San Francisco 5, Cal, 55 New Montgomery St
Washington, D C, 918 F St N W

Perolin Co, Inc, 10 E 40 St, N Y 16 Murray Hill 5-6940
Chicago 9, Ill, 1112 W 37 St Yards 7-4191

Perry Bros Inc, 220 Flushing Ave, Bklyn 5, N Y Ulster 5-2777

Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa Stevenson 4-7210

Peters Chem Mfg Co, 3623 Lake St, Melrose Park, Ill Fillmore 4-0643

Edward I Petow & Son, Hyannis, Mass 301
Lubec, Me 211

Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill Whitehall 4-3747

Petro-Chem Development Co, Inc, 122 E 42 St, N Y Murray Hill 3-3466

Petroleum By-Products & Chem Co, 15 Whitehall St, N Y 4 Bowling Green 9-4991

Petroleum Specialties Inc, 205 E 42 St, N Y 17 Oregon 9-2310

Petrolite Corp, Ltd, Wax Div, Box 390 Kilgore, Tex LD 6
N Y 4, 30 Broad St Bowling Green 9-9088

Pfaltz & Bauer, Inc, Empire State Bldg, N Y 1 Chickering 4-6485

Pfanstiehl Chem Co, 104 Lake View Ave, P O Box 498, Waukegan, Ill Majestic 3-1360

Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Boston 16, Mass, 751 Little Bldg
Chattanooga, Tenn, 307 Volunteer Bldg
Chicago 2, Ill, 111 W Washington St
Cincinnati 2, Ohio, 1719 First National Bank Bldg
Dallas, Tex, 2314 Garapan Dr
Detroit 2, Mich, 2970 W Grand Blvd
Elyria, Ohio, Taylor St
Los Angeles 5, Cal, 3757 Wilshire Blvd
Minneapolis, Minn, P O Box 1031
N Y 36, 330 W 42 St
Phila 2, Pa, 1213 Commercial Trust Bldg
Pittsburgh 27, Pa, 121 Bauman Ave
St Louis 1, Mo, 818 Olive St
San Francisco 3, Cal, 1325 Howard St (Pfaudler Sales Co)
Washington 6, D C, 1346 Connecticut Ave N W

George Pfau's Sons Co, 9 & Wall Sts, Jeffersonville, Ind 3-6697

Pfister Chem Works, Foot Linden Ave, Ridgfield, N J Morsemere 6-5400

Charles Pfizer & Co, Inc, 630 Flushing Ave, Bklyn 6, N Y Evergreen 8-3800
Atlanta, Ga, 1151 Chattahoochee Ave N W Belmont 7661
Chicago, Ill, 425 N Michigan Ave Superior 7-2526
San Francisco 3, Cal, 1500 16 St Hemlock 1-9702
Vernon, Cal, 4820 Loma Vista Ave Logan 8-4122

Pharma Chem Corp, 175 5 Ave, N Y 10 Algonquin 4-0826

Phelps-Dodge Refining Corp, 40 Wall St, N Y 5 Whitehall 4-0560
Chicago, Ill, 230 N Michigan Ave

Phenix Foods Co, 500 Pestigo Ct, Chicago, Ill Whitehall 4-7300

Atlanta, Ga, 232-284 Chester Ave S E Main 3312
Cambridge, Mass, 138 Albany St
N Y, 40 Worth St Cortlandt 7-8200
San Francisco, Cal, Egbert & Newhall Sts Juniper 4-5610

Philadelphia Gear Works, Inc, Erie Ave & Gt St, Phila 24, Pa Regent 9-6602

Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa Market 7-7200
Chicago 6, Ill, 205 W Wacker Dr State 2-7734

Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal 7-1048
Huntington Park, Cal, 6903 Rita Ave Kimball 1258
Tacoma, Wash, 1202 Taylor Way Main 2061

Philipp Bros Chem Inc, 37 Wall St, N Y 5 Hanover 2-4676
Baltimore, Md, Emerson Tower Bldg
Boston 10, Mass, 176 Federal St Liberty 2-8815
Phila 6, Pa, 920 Drexel Bldg
Portland, Conn, South St Middletown 6-9603
Providence, R I, 511 Westminster St Gaspee 1-6122

Phillips Chem Co, Adams Bldg, Bartlesville, Okla 6600
Akron, Ohio, 605 Evans Bldg Franklin 4126
Amarillo, Tex, 1 National Bank Bldg 4-0311
Houston 2, Tex, 604 City National Bank Bldg Central 8661
Los Angeles 58, Cal, 4521 Produce Plaza W Logan 8-2385
N Y 5, 80 Broadway Digby 4-3480
Norfolk 10, Va, 610-12 Royster Bldg 2-9969
Omaha 2, Neb, WOW Bldg Jackson 5911
Pasadena 1, Cal, 604 Citizens Bank Bldg Ryan 1-6997
Tampa 2, Fla, 404 Marion St, 7 Terrace Office Bldg 2-3452

Phillips & Martin Co, 5524 N Wolcott Ave, Chicago, Ill Longbeach 1-3242

Phillips Petroleum Co, Special Products Div, Bartlesville, Okla 6600
N Y 5, 80 Broadway Digby 4-3480

Phillips & Jacobs, 622 Race St, Phila 6, Pa Walnut 2-3655
Pittsburgh 19, Pa, 428 Blvd of the Allies Atlantic 0833

Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio DI 1-2211

Photoswitch Inc, 77 Broadway, Cambridge 42, Mass Trowbridge 6-9100
Chicago 29, Ill, 3860 W 63 St Reliance 5-6030
N Y, 1 Broadway Hanover 2-4737
San Francisco, Cal, 50 Hawthorne St Exbrook 2-8700

Photovolt Corp, 95 Madison Ave, N Y 16 Murray Hill 5-6641

Pierce Chem Co, P O Box 117, Rockford, Ill 5-8013

Pingo Co, 79 Sudbury St, Boston 14, Mass Capitol 7-8244
Boston 14, Mass, 10 Alden St (Satin Gloss Co)
Boston 14, Mass, 12 Alden St (Royal Worcester Co)
Boston 14, Mass, 14 Alden St (Lord Polish Co)

Pipe Linings Inc, 4675 Firestone Blvd, S Gate, Cal Kimball 8254

Pioneer Salt Co, 940 N Deyaware Ave, Phila 23, Pa Market 7-1200

PITTSBURGH COKE & CHEM CO, 1905 Grant Bldg, Pittsburg 19, Pa Atlantic 1-2290

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Atlanta, Ga, 92 14 St N E Atwood 1837
Charlotte, N C, 216 W 2 St 6-5164
Chicago, Ill, 75 E Wacker Dr State 2-6769
Dallas 4, Tex, 3110 N Fitzhugh Ave Lakeside 9673
Denver 4, Col, 136 W 12 St 230
Houston 19, Tex, 1973 W Gray Ave Justin 2431
Los Angeles, Cal, 816 W 5 St Mutual 4227
Memphis, Tenn, P O Box 938 372104
Minneapolis, Minn, 244 Plymouth Bldg Lincoln 1733
N Y 1, 7601 Empire State Bldg Longacre 4-0550
St Louis, Mo, 322 N Sarah St Newstead 5327
San Francisco 4, Cal, 155 Montgomery St, Alexander Bldg Exbrook 2-4041
Tulsa 3, Okla, 20 E 5 St, Thompson Bldg 4-9265

Pittsburgh Corning Corp, 307 4 Ave, Pittsburgh 22, Pa Grant 1-4150
Atlanta, Ga, 333 Candler Bldg Walnut 6449
Chicago 6, Ill, Engineering Bldg, 205 W Wacker Dr Financial 6-2377
Kansas City 5, Mo, 101 W 11 St Baltimore 7962
N Y 20, 30 Rockefeller Plaza Circle 7-3850
Phila 2, Pa, Lewis Tower Bldg, 225 S 15 St Kingsley 6-3510

Pittsburgh Lectordryer Corp, P O Box 1766, Pittsburgh 30, Pa Grant 1-6220

Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo (St Louis, Mo) Terryhill 4-8517

Plasticchemicals Co, 1 Beekman St, N Y 38 Worth 2-7757

Plax Corp, P O Box 1019, Hartford, Conn 33-3691
Chicago, Ill, 221 N LaSalle St Andover 3-0744
Cleveland, Ohio, 145 Public Sq Tower 10222
Louisville 16, Ky, Shively Branch Franklin 1732
N Y 20, 630 5 Ave Plaza 7-4252
Phila, Pa, 514 Western Savings Fund Bldg, Broad & Chestnut Pennypacker 5-3032

Plex Co, P O Box 934, Atlanta 1, Ga

Pluess-Staufer (North American) Inc, 82 Beaver St, N Y 5 Whitehall 4-5341

Pneumatic Scale Corp, Ltd, Newport Ave, Quincy 71, Mass President 3-6900
Chicago, Ill, 360 N Michigan Ave State 2-2719
N Y, 117 Liberty St Barclay 7-5150

Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill Superior 7-7825

Polak & Schwartz Inc, 667 Washington St, N Y 14 Watkins 4-5570
Chicago 2, Ill, 173 W Madison St Randolph 6-3306

Polak's Frutal Works Inc, 33 Sprague Ave, Middletown, N Y 2-1065
Chicago, Ill, 800 N Clark St Delaware 7-6699

Polarome Mfg Co, Inc, 73 Sullivan St, N Y Cortlandt 7-2089

Polychemical Co, 494 Huntspoint Ave, N Y 59 Turnbull 7-0333

Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio Jefferson 3866

Polymer Industries Inc, 11-08 30 Ave, Astoria, L I, N Y 8-4460
Bklyn, N Y, 284 Sheffield Ave Dickens 2-6110
Greenville, S C, P O Box 2184 5-6324
Springdale, Conn, 3 Poplar St Stamford 483016

Port Huron Detergent Co, Inc, 1320 2 St, Port Huron, Mich 7525

H K Porter Co, Inc, Valve Div, 1150 N Peoria, Tulsa, Okla 3-5132
Chicago 16, Ill, 2035 S Michigan Ave Victory 2-0614
Cleveland 14, Ohio, 2901 Chester Ave Tower 1-2171
Detroit, Mich, 6134 Michigan Ave Tashmoo 6-6088
McKees Rocks, Pa, 2 John St Federal 1-0121
Pittsburgh 22, Pa, 1932 Oliver Bldg Atlantic 1-1308
Washington, D C, 900 Kass Bldg, 711 14 St N W Sterling 1037

Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore Broadway 7611

Portland Woolen Mills Inc, P O Box 2620, Portland 3, Ore University 0615

Potter Paint Co, Inc, 21 Crawford St, Cortland, N Y 1177

Horace T Potts Co, D St & Erie Ave, Phila 34, Pa Garfield 6-4600
Baltimore 11, Md, 2835 Sisson St Hopkins 6800
York, Pa, 52 N Duke St 81-250

Poughkeepsie Dvestuff Corp, 77 N Water St, Poughkeepsie, N Y 2857

John Powell & Co, Inc, 1 Park Ave, N Y 16 Murray Hill 5-1770
Chicago, Ill, 350 N Clark St Delaware 7-3531
E Omaha, Neb, 22 & Ave J
E Point (Atlanta) Ga, 1645 Central Ave
Fort Worth, Tex, 304 S Lake St Edison 3746
Huntsville, Ala (John Powell Chem Co) 4070

FUNCTION	ONYX PRODUCT	CHEMICAL COMPOSITION	CHARACTERISTICS	SUGGESTED APPLICATIONS
Foaming Agent, Stabilizer	**ONYX-OL 368**	Lauric acid alkanolamine condensate	Non-ionic. Powder, 97% active. Water insoluble. Designed for building and stabilizing foam when used in combination with anionics such as sulfated fatty alcohols.	Powdered detergents and shampoo formulations.
Fungicide	**ISOTHAN Q-15**	Lauryl isoquinolinium bromide	Cationic. Liquid, 20% active in water and isopropyl alcohol. Miscible with water in all proportions. Non-toxic and non-irritating in use dilutions.	Agricultural fungicide. Dandruff control formulations. Preparations for control of athlete's foot.
Germicide	**BTC 50%**	Alkyl (C_8H_{17} to C_{18}-H_{37}) dimethyl benzyl ammonium chloride	Cationic. Colorless to light yellow liquid. 50% active in aqueous solution. Miscible in water, soluble in lower alcohols and many organic solvents. Non-toxic and non-irritating in use dilutions.	General disinfectant and deodorant. Disinfection of farm, dairy and food processing equipment. Sanitization of eating and drinking utensils.
Germicide	**TETROSAN 3,4D**	Alkyl dimethyl 3,4 dichlorbenzyl ammonium chloride	Cationic. Colorless to light yellow liquid. 60% active in aqueous solution. Miscible with water. Soluble in lower alcohols and many organic solvents. High phenol co-efficients. Non-toxic and non-irritating in use dilutions.	Disinfectant, deodorant, preventive antiseptic in the veterinary and livestock fields. Pharmaceutical formulations for topical application.
Thickening Agent	**ONYX-OL 336** *(See above)*			
Wetting Agent	**NEUTRONYX 600** *(See above)*			
Wetting Agent	**MAPROFIX POWDER LK** *(See above)*			

Whatever your needs in surface active agents, ONYX either has or will formulate especially for you, a specialty that will fill that need. The products listed above are but a very few developed by ONYX to meet the greatest demands, and are available in commercial and research quantities.

We will gladly send complete data on these and other surface agents — cationic, anionic and non-ionic — upon request. Our laboratories are also prepared to consult with you on any special problem you may have.

ONYX

OIL & CHEMICAL COMPANY

INDUSTRIAL DIVISION

186 WARREN ST., JERSEY CITY 2, N. J.

CHICAGO • BOSTON • CHARLOTTE • ATLANTA

For Export: ONYX International, Jersey City 2, N. J.

West Coast Representatives: E. C. Brownlow Co., San Francisco, Los Angeles

ONYX SURFACE ACTIVE AGENTS FOR SUPERIOR PRODUCTS

FUNCTION	ONYX PRODUCT	CHEMICAL COMPOSITION	CHARACTERISTICS	SUGGESTED APPLICATIONS
Algaecide	**ONYXIDE**	Alkenyl (C_{16}-C_{20}) dimethyl ethyl ammonium bromide	Cationic. Tan paste. 75% active in isopropyl alcohol or propylene glycol. Soluble in water and lower alcohols. Incompatible with anionics. Non-toxic and non-irritating in use dilutions.	Control of algae and slime in swimming pools, cooling water towers, air conditioning systems, paper mills, etc.
Detergent	**NEUTRONYX 600**	Alkyl phenol polyglycol ether	Non-ionic. 100% active, clear amber liquid. Miscible with water in all proportions. Soluble in alcohol and organic solvents.	Household and industrial cleaning compounds. Metal cleaning and degreasing. Detergent sanitizers in combination with quaternary ammonium compounds. Time dispersant. Dispersing and emulsifying agent for insecticidal and herbicidal sprays. Wetting agent.
Detergent	**ONYX-OL 336** *(See below)*			
Detergent	**MAPROFIX TLS-50**	Triethanolamine lauryl sulphate	Anionic. Liquid, 44% active. Cloud point, 0°C. Good foaming.	Liquid household detergent ingredient. Liquid shampoos. Industrial cleaners.
Detergent	**MAPROFIX POWDER LK**	Sodium lauryl sulphate	Anionic. Powder, 92% active. Good foaming agent. Also available in refined grade and USP quality. Low salt content.	Shampoos, shaving creams, etc. Scouring powder foaming agent. Dentifrice foaming agent. Industrial and household cleaning. Rug and upholstery cleaning. Good wetting properties.
Emulsifying Agent	**NEUTRONYX 834**	Polyethylene glycol (300) oleic acid ester	Non-ionic. Liquid, 100% active. Oil and solvent soluble.	Dry cleaning solutions. Metal cleaning and degreasing. Auxiliary wax emulsifier.
Emulsifying Agent	**NEUTRONYX 600** *(See above)*			
Foaming Agent, Stabilizer	**ONYX-OL 336**	Lauric acid alkanolamine condensate	Non-ionic. Liquid, 97% active. Water soluble. Good foam building and stabilizing in presence of anionics such as alkyl aryl sulphonates.	Shampoo and bubble-bath formulations. Liquid household detergents for washing dishes, walls, etc. Ore flotation. Provides dense foam and adds viscosity to formulations.

William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio Cherry 2760
Chicago 6, Ill, 205 W Wacker Dr
Cleveland 14, Ohio, 925 Union Commerce Bldg
Houston 2, Tex, 328 West Bldg
N Y 7, 50 Church St
Phila 2, Pa, 1700 Walnut St
Portland 4, Ore, 317 Builders Exchange Bldg
St Louis 3, Mo, 108 N 18 St

*Powers Regulator Co, 3400 Oakton St, Skokie, Ill Cornelia 7-6300
Albany 5, N Y, 4 Rooney Ave 8-3005
Albuquerque, N M, 4607 Las Lomas Rd 6-0753
Atlanta 3, Ga, 142 Spring St N W Cypress 5086
Baltimore 16, Md, 3414 Duvall Ave Liberty 2422
Birmingham 9, Ala, Box 5727, Homewood Sta 2-2866
Boston 15, Mass, 125 St Botolph St Kenmore 6-4710
Buffalo 2, N Y, 250 Delaware Ave Cleveland 8070
Butte, Mont, 909 E 2 St 5457
Chattanooga 1, Tenn, 938-939 Volunteer Bldg 6-2632
Chicago 13, Ill, 3819 N Ashland Lakeview 5-3730
Cincinnati 4, Ohio, 2308 W 8 St Jackson 4726
Cleveland 3, Ohio, 1670 E 40 St Endicott 1-6150
Columbus 15, Ohio, 81 E State St Fletcher 1659
Dallas 1, Tex, 2415 N Pearl St Randolph 8923
Denver 1, Col, P O Box 614 Keystone 0035
Des Moines 14, Iowa, 909 6 Ave 2-9606
Detroit 1, Mich, 2631 Woodward Ave Woodward 2-4267
Greensboro, N C, 101 N Elm St 6204
Hartford 5, Conn, 190 S Beacon St 32-4497
Houston 6, Tex, 809 Stuart Ave Lynchburg 5557
Indianapolis 1, Ind, 2854 E Washington St Market 2728
Jacksonville 7, Fla, 1161 San Marco Blvd 98-3421
Kansas City 8, Mo, 1510 Main St Victor 6161
Los Angeles 5, Cal, 1808 W 8 St Dunkirk 4-4187
Louisville 2, Ky, 633 S 5 St Wabash 3235
Memphis 3, Tenn, 215 Madison Ave 8-4406
Milwaukee 3, Wis, 2400 W Clybourn Division 2-5700
Minneapolis 4, Minn, 2035 Riverside Ave Fillmore 2210
Nashville 4, Tenn, 802 Clark Pl 6-3223
New Orleans 12, La, 208 Vincent Bldg Canal 9629
N Y 17, 231 E 46 St Eldorado 5-2050
Oklahoma City 6, Okla, 1726 N W 5 St 3-7212
Phila 32, Pa, 2240 N Broad St Popular 5-3056
Pittsburgh 22, Pa, Oliver Bldg Atlantic 1659
Portland 6, Me, Box 132 6-2766
Portland 5, Ore, 921 S W Oak St Atwater 6543
Rochester 8, N Y, 135 Spring St Hamilton 3944
St Louis 3, Mo, 2118 Pine St Garfield 4634
Salt Lake City 1, Utah, 204 Dooly Bldg 4-6421
San Antonio 5, Tex, 403 Insurance Bldg Garfield 4633
San Francisco 3, Cal, 314 7 St Underhill 1-6643
Seattle 1, Wash, 3150 Elliott Ave Alder 5717
Spokane 8, Wash, N 120 Division St MA 2933
Syracuse 4, N Y, 509 W Onondaga St 76-0270
Washington, D C, 2039 K St N W NA 3570

Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill Bishop 2-1131

Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill Capitol 7-2660
Flourtown, Pa, 1501 Bethlehem Pike Wissahickon 7-7373
Houston 4, Tex, 4101 San Jacinto St Linden 2386
N Y 11, 460 W 24 St Algonquin 5-6140

Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa Rittenhouse 6-6671

Premier Mill Corp, 61 Gates Ave, Geneva, N Y

Premier Peat Moss Corp, 535 5 Ave, N Y 17 Murray Hill 2-8586

Prentiss Drug & Chem Co, Inc, 110 William St, N Y 38 Digby 9-0066
Chicago, Ill, 9 S Clinton St Franklin 2-1094

Pressed Steel Tank Co, 1445 5 66 St, Milwaukee 14, Wis GR 6-0500
Atlanta, Ga, 936 W Peachtree St N W Atwood 1063
Chicago 4, Ill, 208 S LaSalle St Central 6-9649
Cleveland 15, Ohio, 14 & Euclid Cherry 1-3303
Kansas City 5, Mo, 2321 W 78 St Fellows 1997
Lakeland, Fla, 601 Kernewood 3-7401
Los Angeles 17, Cal, 727 W 7 St Tucker 7640
N Y 17, 52 Vanderbilt Ave Murray Hill 6-2346

Prince Mfg Co, Lehigh St, Bowmanstown, Pa Palmerton 3172

Prior Chem Corp, 420 Lexington Ave, N Y 17 Lexington 2-9811

J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo Baltimore 1122
Chicago, Ill, 1616 Engineering Bldg, 205 W Wacker Dr Dearborn 2-4896
Houston, Tex, 2261 W Holcombe Blvd Mohawk 3445
N Y 17, 3912 Chrysler Bldg, 405 Lexington Ave Murray Hill 4-0082
Pittsburgh 30, Pa, 905 Union Trust Bldg Express 1-0616
St Louis, Mo, 1726 Arcade Bldg, 812 Olive St Garfield 3134
Tulsa, Okla, 727 National Bank of Tulsa Bldg, 320 S Boston 4-5437

Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio Garfield 3100

Production Instrument Co, 710 W Jackson Blvd, Chicago 6, Ill

Productol Co, 417 S Hill St, Los Angeles 13, Cal Mutual 4397

% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I Gaspee 1-4307

Protective Lining Corp, 149 Waverly Pl, N Y 14 Chelsea 3-8131

Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa Spalding 1-2000

Prufcoat Labs Inc, 63 Main St, Cambridge 42, Mass Eliot 4-0200
N Y 17, 50 E 42 St Murray Hill 2-2240

Publicker Industries, Inc, 1429 Walnut St, Phila, Pa

Puerto Rico Alcohol Co, Inc, 370 7 Ave, N Y Chickering 4-0635

Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash 4411

Pulverizing Machy Co, 33 Chatham Rd, Summit, N J 6-6360
Chicago 3, Ill, 79 W Monroe St Randolph 6-0992
Phila 8, Pa, 401 N Broad St Walnut 2-1999
San Francisco 4, Cal, 833 Merchants Exchange Bldg DO 2-0375

Pure Carbonic Co Div, Air Reduction Co, Inc, 60 E 42 St, N Y 17 Murray Hill 2-6700

Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn 4-6295

Purocaine Inc, Valley Rd, Hockessin, Del 7422

Pyrene Mfg Co, 560 Belmont Ave, Newark 8, N J Bigelow 3-7400
Atlanta, Ga, 1329 Spring St, N W Atwood 0849
Chicago 11, Ill, 444 N Lake Shore Dr Whitehall 4-3488
San Francisco, Cal, 1177 Mission St Hemlock 1-3624

Q

Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill Whitehall 4-0600
N Y 5, 120 Wall St Whitehall 4-0400
Portland 8, Ore, 3000 N Going St Trinity 1124

Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa Jefferson 3-4800
Atlanta, Ga, 746 Lee St, S W Amherst 7751
Boston 10, Mass, 51-61 Melcher St Liberty 2-5828
Chicago 16, Ill, 2035 S Michigan Ave Victory 2-0616
Cincinnati (Lockland) 15, Ohio, 430 Mill St Valley 3591
Cleveland 4, Ohio, 1437 St Clair Ave Tower 1-2171
Dallas 2, Tex, 1327 Levee St Riverside 1772
Detroit 2, Mich, 872 W Milwaukee Ave Trinity 1-7810
Houston, Tex, 2219 McKinney Ave Charter 0488
Kearny, N J, 260 Schuyler Ave 2-6670
Minneapolis 11, Minn, 2201 Washington Ave N Cherry 3679
N Y 7, 225 Broadway Digby 9-3110
Pittsburgh 6, Pa, 6592 Hamilton Ave Emerson 2-1020
Portland 10, Ore, 2360 N W Quimby St Capitol 9605
St Louis 10, Mo, 4006 Papin St Lucas 6645

Quigley Co, Inc, 527 5 Ave, N Y 17 Murray Hill 2-8640

R

R-B-H Dispersions Div, Interchemical Corp, 2 Hamilton St, Bound Brook, N J 9-0700
Chicago 11, Ill, 612 N Michigan Ave Superior 7147
Elyria, Ohio, 317 Elyria Savings & Trust Bldg 2671

R C Can Co, 9430 Page Blvd, St Louis, Mo Chestnut 9496
Arlington, Tex
Rittman, Ohio
Turner, Kan

R-P&C Valve Div, Tulpehocken & L V R R, American Chain & Cable Co, Inc, Reading, Pa 6-2881
Atlanta, Ga, 1401 Howell Mill Rd N W Elgin 5717
Chicago 6, Ill, 400 W Madison St Central 6-9324
Denver 2, Col, 2125 Blake St Tabor 0197
Detroit 2, Mich, 601 Stephenson Bldg Trinity 5-4104
Houston 1, Tex, 630 McFarland St Woodcrest 4435
Los Angeles 21, Cal, 2475 Porter St Michigan 6403
N Y 17, 230 Park Ave Murray Hill 6-8800
Phila 25, Pa, 2 & Diamond Sts Regent 9-7460
Pittsburgh 22, Pa, 908 Empire Bldg Atlantic 1-3550
San Francisco 7, Cal, 695 Bryant St Sutter 1708
South Boston 27, Mass, 69 A St 4620

R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y Dobbs Ferry 3-1818

Radiation Counter Labs, Inc, 5122 W Grove St, Skokie, Ill Orchard 3-8700

Randall Products Mfg Co, 2095 Bway, N Y 23 Trafalgar 3-5725

Ransburg Electro-Coating Corp, 1234 Barth Ave, Indianapolis 7, Ind Market 7515

Rapids-Standard Co, Inc, 130 Trowbridge N W, Grand Rapids 2, Mich 9-0281
Buffalo, N Y, 2548 Elmwood Ave, Rapids Handling Equip Co Victoria 6000
Chatham, N J, 100 Summit Ave, Rapistan of N J Inc Summit 6-2081
Chicago, Ill, 608 S Kilbourn Ave, Rapids Standard of Chicago Sacremento 2-3631
Grand Rapids, Mich, 101-103 Campau Ave, Rapids Handling Equipment Co, Inc Glendale 68674
Phila, Pa, 4200 Sansom St, Rapids Handling Equip Co, Inc Evergreen 6-0300
San Francisco, Cal, 444 Brannan St, Rapids Standard Co of Cal Yukon 2-3880

Rare Earths, Inc, Box 488, Rd #4, Paterson, N J Terhune 5-3066

Rare Metal Products Co, P O Box 61, Atglen, Pa 81

Raybestos-Manhattan, Inc, 61 Willett St, Passaic, N J Gregory 3-2000
Birmingham, Ala, 1108 N 5 Ave
Chicago, Ill, 445 Lake Shore Dr
Cleveland, Ohio, 1071 Union Commerce Bldg
Dallas, Tex, 2809 Taylor St
Detroit, Mich, 620 Fisher Bldg
New Orleans, La, 920 Calliope St
N Y, 500 5 Ave
Phila, Pa, 1330 Broad St Sta Bldg
Pittsburgh, Pa, 810 Empire Bldg
San Francisco, Cal, 131 Mission St

Raymond Bag Co, Tytus Ave & Enoch Dr, Middletown, Ohio 2-5461

Raymond Pulverizer Div, Combustion Engrg-Superheater Inc, 1319 N Branch St, Chicago 22, Ill MI 2-4100

Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J DE 2-2062
Newark, N J, 192 Doremus Ave

Read Standard Corp, 370 Lexington Ave, N Y 17 Murray Hill 6-0345
Chicago 4, Ill, 332 S Michigan Ave Wabash 2-5280
Erie, Pa, 1701 Gaskell Ave 2-3631
Phila, Pa, 401 N Broad St Walnut 2-5696
York, Pa 8-2891

Read Standard Corp, Blower-Stoker Div, Erie 6, Pa 2-3631
Chicago 4, Ill, 332 S Michigan Ave Wabash 2-5280
Los Angeles 39, Cal, 3191 Casitas Ave Normandy 3-1143
N Y 17, 370 Lexington Ave Murray Hill 6-0345
York, Pa 8-2891

Reade Mfg Co Inc, 135 Hoboken Ave, Jersey City 2, N J Journal Square 2-3012

Reeves Pulley Co, 1225 7 St, Columbus, Ind 3311
Atlanta, Ga, 990 Gordon St, S W AM-2124
Cambridge, Mass, 29 Camp St TR 6-3570
Chicago, Ill, 2007 S Michigan Ave DA 6-6133
Cleveland, Ohio, 6408 Euclid Ave EN 1-3474
Detroit, Mich, 18067 Wyoming Ave DI 1-2109
Greenville, S C, P O Box 3161, Sta A 3-0481
Maywood, Cal, 3652 E Slauson Ave LO 8-2196
N Y 7, 76 Dey St BA 7-7474
Phila, Pa, 33 & Arch Sts EV 6-8831
San Francisco, Cal, 901 Minnesota St MI 7-3340

Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J Rutherford 2-7520

Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla 4-8144
Houston 1, Tex, 2215 McKinney Ave Preston 8921

Refractory & Insulation Corp, 120 Wall St, N Y 5 Whitehall 3-5370
Chicago, Ill, 327 S LaSalle St Wabash 2-3317
Cleveland, Ohio, 1836 Euclid Ave Superior 1-2450
Newark, N J, 1001 Broad St Market 3-4720
Phila, Pa, Commercial Trust Bldg Market 3-4720

Refrigeration Systems, Inc, 646 W Washington Blvd, Chicago 6, Ill Franklin 2-1942

Rehels Co, Inc, Snyder Ave, Berkeley Heights, N J Summit 6-7110

REICHHOLD CHEM, INC, 630 5 Ave, N Y 20 Plaza 7-0350

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Boston 16, Mass, 1110 Statler Office Bldg
Bklyn 11, N Y, 105 Bedford Ave
Charlotte 3, N C, New Pineville Rd, P O Box 3042
Chicago 3, Ill, 122 S Michigan Ave
Cleveland 13, Ohio, 1901 Terminal Tower Bldg
Dallas 2, Tex, Sante Fe Bldg, Unit No 2
Detroit 20, Mich, 601 Woodward Heights Blvd
Elizabeth 2, N J, 726 Rockefeller St
Houston 2, Tex, 2301 Commerce St
Kansas City, Kan, 1401 Fairfax Trafficway
Los Angeles 21, Cal, 1855 Industrial St
Milwaukee 8, Wis, 1409 N 27 St
New Orleans 12, La, 124 Camp St (also Lastrapes Bros, 322 Board of Trade Arcade)
Phila 39, Pa, 128 Walnut Park Plaza, 63 & Walnut Sts
Pittsburgh 22, Pa, Henry W Oliver Bldg
Seattle 14, Wash, P O Box 3363
South San Francisco, Cal, P O Box 791
Tuscaloosa, Ala

Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind Market 9461
Chattanooga, Tenn 3-1141
Chicago, Ill, 2513 S Damen Ave Virginia 7-7800
Cleveland, Ohio, 20106 Kinsman Rd Skyline 1-8484
Granite City, Ill, P O Box 370 Illinois 3141
Los Angeles, Cal, 816 W 5 St Mutual 0433
Minneapolis 16, Minn, 7200 Walker St Mohawk 9-7851
St Louis Park, Minn Whittier 2743
Tuckahoe, N Y, P O Box 127 3-8600

Reilly-Whiteman-Walton Co, Conshohocken, Pa 6-0470
Park Ridge, Ill, 1008 S Aldine Ave Talcott 3-1722
Pittsburgh 16, Pa, Box 8034 Dewey 6-4018
Reading, Mass, 10 Pine Ridge Rd 2-0482
West Hartford, Conn, 62 LaSalle Rd 32-8858

Reinhart Chem Corp, 405 Lexington Ave, N Y 17 Murray Hill 5-0376

Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio Glenville 1-3530
Albuquerque, N M, 112 West Granite St (Boyd Industrial Eng)
Appleton, Wisc, 200 E College Ave
Atlanta 3, Ga, 427 Candler Bldg
Birmingham 3, Ala, 338 Brown Marx Bldg
Boston 16, Mass, 285 Columbus Ave
Buffalo 3, N Y, 445 Ellicott Square Bldg
Charleston 1, W Va, 1206 Kanawha Blvd E
Charlotte, N C, Liberty Life Bldg
Chicago 11, Ill, 154 E Erie St
Cincinnati 2, Ohio, 3804-5 Carew Tower
Cleveland 18, Ohio, 13967 Cedar Road
Dallas 6, Tex, 5542 Dyer St (Tate & Roe Co)
Denver, Col, 4949 Colorado Blvd (Peterson Co)
Detroit 3, Mich, 12326 Hamilton Ave
El Paso, Tex, 718 N Stanton St (Boyd Iadustrial Eng)
Gary, Ind, 504 Broadway
Grand Rapids, Mich, 518 Murray Bldg
Houston 2, Tex, Sterling Bldg
Indianapolis 18 Ind, 1840 E 38 St
Kansas City 8, Mo, 2205 Grand Bldg Room 201 (Carl P Lohr Co)
Knoxville 20, Tenn, 3601 Chapman Highway SW
Los Angeles 22, Cal, 5268 E Washington Blvd
Milwaukee, Wisc, 1012 N 3 St (C & G Sales & Eng Co)

Minneapolis 2, Minn, 904 Foshay Tower
New Haven 15, Conn, 235 Diamond St
New Orleans 15, La, 909 S Jefferson Davis Pkwy (F N Johnston Co)
N Y 17, 420 Lexington Ave
Newark 2, N J, 535 High St
Omaha 2, Nebr, 1112½ Farnam St (W R White)
Philadelphia (Ardmore) Pa, 19 E Lancaster Ave
Phoenix, Ariz, 1600 W Jefferson (Boyd Industrial Eng)
Pittsburgh 22, Pa, 1030 Park Bldg
Portland 9, Ore, 1204 N W Gilsan St (Shaffer & Nelson)
Roanoke, Va, 1531 Shenandoah Ave (Reliance Equip & Supply Co)
Rockford, Ill, 1118 Rockford Trust Bldg
Saginaw, Mich, 226 Goff Bldg
St Louis 17, Mo, 1110 S Brentwood Blvd (Carl P Lohr Co)
Salt Lake City 4, Utah, 550 W 7 S St (Clarence W Silver Co)
San Francisco 11, Cal, 420 Market St (F G Guthrie)
Seattle 4, Wash, 312 Occidental Ave (Shaffer & Nelson)
Syracuse 2, N Y, 1054 Oswego Blvd
Toledo 2, Ohio, 2144 Madison Ave

Renite Co, P O Box 365, Sta A, Columbus 1, Ohio Walnut 3911

Republic Chem Corp, 94 Beekman St, N Y 38 Rector 2-9810

Washington, D C, 1397 National Press Bldg Metropolitan 1869

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Pittsburgh 22, Pa, Investment Bldg Court 1-6855
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Detroit, Mich, 801 New Center Bldg Trinity 5-2068
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Phila, Pa, 22 & Race Sts Rittenhouse 6-6053

Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J Humboldt 2-5397

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Birmingham, Ala, Empire Bldg 3-3281
Boston, Mass, Consolidated Bldg Liberty 2-3641
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Cincinnati, Ohio, 2701 Carew Tower Bldg Main 3965
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Denver, Col, 303 Continental Oil Bldg Main 5289
Detroit, Mich, 2008 Fisher Bldg Trinity 5-9300
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Tulsa, Okla, 2004 Philtower Bldg 3-0101
Warren, Ohio, Republic Bldg 2211-1

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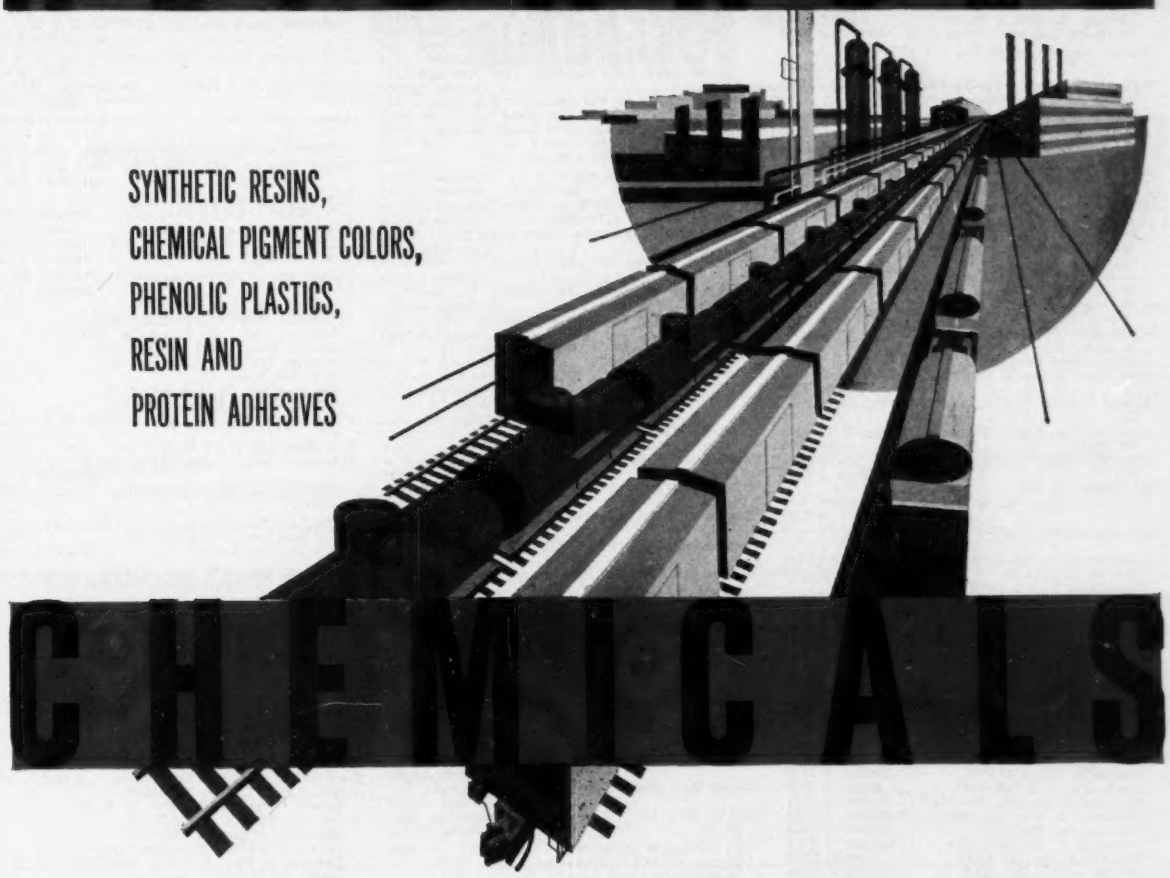
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Chicago 24, Ill, 3857 W Washington Blvd Nevada 2-1161

Semon Bache & Co, 636 Greenwich St, N Y 14, N Y Watkins 4-2120
Chicago 5, Ill, 608 S Dearborn St
Phila, Pa, Denckla Bldg (c/o Lanard & Axilbund)

Senefelder Co, Inc, 32-4 Greene St, N Y 13 Canal 6-3998

George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa Regent 9-9321

Sennewald Drug Co, Inc, 2723 Chouteau Ave, St Louis 3, Mo Laclede 2312

Sentinel Glass Co, Box 58, Hatboro, Pa 1181

Separations Engrg Corp, 110 E 42 St, N Y 17 Murray Hill 3-7261

E M Sergeant Pulp & Chem Co Inc, 7 Dey St, N Y 7 Worth 2-4340
Newark 5, N J, 120 Lister Ave (Sergeant Chem Co) Market 2-5346

Sessions-Gifford Co, Inc, 255 Allens Ave, Providence, R I HO 1-0770
Somerville, Mass, 47 McGrath Hway PR 6-3070

Seydel Chem Co, 225 Mercer St, Jersey City 2, N J Henderson 2-4646

Sharples Chem, Inc, 123 S Broad St, Phila 9, Pa Kingsley 5-2802
Akron 8, Ohio, 106 S Main St Hemlock 3957
Chicago 4, Ill, 80 E Jackson Blvd Harrison 7-1345
N Y 1, 350 5 Ave Longacre 4-4679

Sharples Corp, 2300 Westmoreland St, Phila 40, Pa Sagamore 2-9100
Boston, Mass, 230 Congress St
Chicago, Ill, 80 E Jackson Blvd
Cleveland, Ohio, 453 Hippodrome Annex
Detroit, Mich, 10229 Hamilton Ave
Houston, Tex, Niels Esperson Bldg
N Y, 501 5 Ave
San Francisco, Cal, 686 Howard St
Seattle, Wash, 812 Insurance Bldg

S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col Pearl 7968

R N Shaw, 330 W 42 St, N Y 36

Shawinigan Products Corp, 350 5 Ave, N Y 1 Chickering 4-1243
Pasadena, Cal, 93 N Arroyo Pkwy (Gelvatex Coatings Corp)

Sheffield Chemical Co, Inc, P O Box 630, Norwich, N Y 4-3281
N Y 19, 1267 6 Ave Columbus 5-8400

Shell Chem Corp, 50 W 50 St, N Y 20 Judson 6-5000
Atlanta 5, Ga, 710 Peachtree St, N E
Boston 16, Mass, 441 Stuart St
Chicago 5, Ill, 624 S Michigan Blvd
Cleveland 14, Ohio, 1265 Union Commerce Bldg
Denver 1, Col, P O Box 2171
Detroit 26, Mich, 154 Bagley Ave
Houston 1, Tex, P O Box 2099
Los Angeles 14, Cal, 1008 W 6 St
N Y 36, 500 5 Ave
Newark, N J, 10 Commerce Ct
Portland 5, Ore, 1220 S W Morrison St
St Louis 3, Mo, 1221 Locust St
San Francisco 6, Cal, 100 Bush St

Shell Oil Co, 50 W 50 St, N Y 20 Judson 6-5000
Albany 3, N Y, 1066 Madison Ave
Atlanta 1, Ga, 32 Peachtree St N W
Baltimore 18, Md, 909 E 22 St
Boston 16, Mass, 441 Stuart St
Chicago 5, Ill, 624 S Michigan Ave
Cleveland 1, Ohio, P O Box 5818, 2012 W 25 St
Detroit 26, Mich, 154 Bagley Ave
Indianapolis 22, Ind, 2219 W Michigan St
L I, N Y, 3706 82 St, Jackson Heights
Los Angeles 17, Cal, 1008 W 6 St
Minneapolis 3, Minn, 100 N 7 St
New Orleans 12, La, 150 Baronne St
Portland 5, Ore, 1220 S W Morrison St
Sacramento 14, Cal, 1024 13 St
St Louis 3, Mo, P O Box 522, 1221 Locust St
San Francisco 6, Cal, 100 Bush St
Seattle 11, Wash, 1219 Westlake Ave N

Shepard Chem Corp, 117 Liberty St, N Y 6 Worth 4-3950

Shepard Niles Crane & Hoist Corp, 127 Schuyler Ave, Montour Falls, N Y 3471
Chicago 12, Ill, 2400 W Madison St Haymarket 1-2922
Cleveland 13, Ohio, 1213 W 3 St, 624 Penton Bldg Superior 1-7020
Detroit 2, Mich, 3-254 General Motors Bldg Trinity 5-4265
N Y 7, 50 Church St Cortlandt 7-5676
Phila 7, Pa, 121 N Broad St Rittenhouse 6-2745

Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio Redwood 1110
Chicago 18, Ill, 4040 N Kedzie Ave Cornelia 7-5060
N Y 38, 150 Nassau St Beekman 3-6723

Sherwin-Williams Co, 100 Park Ave, N Y 17 Lexington 2-5806

Pigment, Chemical & Color Div
Boston 15, Mass, 655 Beacon St Copley 7-5450
Chicago 6, Ill, 300 W Lake St Financial 6-0500
Cincinnati 2, Ohio, 616 Main St Main 4204
Cleveland 1, Ohio, 101 Prospect Ave N W Main 1-4200
Detroit 26, Mich, 2036 Woodward Ave Woodworth 1-7015
Houston 2, Tex, 410 S Main St Capitol 9481
Los Angeles 33, Cal, 363 S Mission Rd Angelus 9-8237
Oakland 8, Cal, 1450 Sherwin Ave Olympic 2-2700
Phila 7, Pa, 325 N Broad St Market 7-3300
St Louis 2, Mo, 515 Spruce St Chestnut 6684

RUMFORD CHEMICAL WORKS

Technical Service Dept., 10 Newman Ave., Rumford 16, R. I.



QUADRAFOS *

FUNCTIONS

SEQUESTRATION — QUADRAFOS has the ability to hold a metal ion in a complex so slightly ionized that reactions characteristic of the metal do not occur. By virtue of this mechanism, QUADRAFOS effectively removes objectionable ions from solution but does not precipitate them.

WATER SOFTENING — QUADRAFOS sequesters alkaline earth metals (calcium and magnesium) responsible for hardness of water, thus softening completely without precipitation.

SOLUBILIZATION — QUADRAFOS dissolves precipitates left on equipment and goods after normal use of detergents.

DEFLOCCULATION AND DISPERSION — QUADRAFOS is a powerful dispersing agent for solids in suspension.

EMULSIFICATION — QUADRAFOS is an associate emulsifier.

CORROSION CONTROL — QUADRAFOS is an efficient rust inhibitor.

STABILIZATION — QUADRAFOS used in the amount of 1 or 2 parts per million will stabilize calcium and iron salts in solution, thereby preventing scale formation on pipes and heat exchange surfaces and eliminating red water.

INDUSTRIAL USES

Detergent Compounding
Laundering
Textile
Oil Well Drilling
Paper
  a. Viscosity control in coating
  b. Pitch control
Water Conditioning

FORMS

QUADRAFOS GRANULAR — A dry, white, free-flowing powder suitable for incorporation in detergent compounds of a granular nature.

QUADRAFOS POWDERED — A free-flowing white powder more finely divided than QUADRAFOS GRANULAR and better adapted to powdered detergents.

QUADRAFOS BEADS — Clear Spheroids of $\frac{3}{16}$-inch average diameter, containing no dust or fine material. For use in preparing QUADRAFOS stock solutions.

PACKING

100-Pound Triotex Bag — waterproof laminated textile and paper.
(Granular, Powdered, or Beads in Bulk)

100-Pound Fiberpak Drum
(Granular, Powdered, or Beads in Bulk)

300-Pound Leverpak Drum
(Granular, Powdered, or Beads in Bulk)

60-Pound Fiberpak Drum
(3 Dissolver Bags Beads: 20 pounds each)

100-Pound Baler Bag
(5 Dissolver Bags Beads: 20 pounds each)

300-Pound Leverpak Drum
(15 Dissolver Bags Beads: 20 pounds each)

* Reg. U.S. Pat. Off.

Sherwood Refining Co, Inc, 1 W Forest Ave, Englewood, N J 3-8200
Boston, Mass, Broad Exchange Bldg, 88 Broad St
Chicago, Ill, 1545 S State St
Gretna, La, P O Box 149
St Louis, Mo, 717 S 12 St
Shieldalloy Corp Div, Metallurg Inc, 100 Park Ave, N Y 17 Murray Hill 6-3335
Thomas J Shields Co, 11 Water St, N Y Bowling Green 9-3535
Los Angeles, Cal, 4754 Oakwood Ave Hudson 2-7598
Shields Buying Service, 15 Moore St, N Y 4 Bowling Green 9-3535
T Shriver & Co, Inc, 874 Hamilton St, Harrison, N J 6-2140
Shuman Chem Products, Inc, Industrial Village, 20 Factory St, Cedar Grove, N J Montclair 2-5428
Siegel Chem Co, Inc, 3 Hanson Pl, Bklyn 17, N Y Ulster 7-7400
Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo Evergreen 3529
Sigmamotor, Inc, 3 N Main St, Middleport, N Y 6-3611
Sika Chem Corp, 35 Gregory Ave, Passaic, N J Prescott 7-8020
Chicago, Ill, 39 S LaSalle St
Pittsburgh 19, Pa, Bigelow Apts, Bigelow Sq
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal Republic 2-9159
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y Beachview 8-2525
Simpson Elec Co, 5208 W Kinzie St, Chicago, Ill CO 1-1221
Aurora, Ill, 932 Benton St 2-4271
Simpson Labs Div, Simpson Coal & Chem Corp, 120 Wall St, N Y 5 Whitehall 3-1600
Newark, N J, 96 Roanoke Ave Market 3-6645
Simpson Mix Muller Div, National Engrg Co, 549 W Washington Blvd, Chicago 6, Ill State 2-6148
Cleveland, Ohio, 402 Swetland Bldg Cherry 6556
Detroit, Mich, Lexington Bldg, 2970 W Grand Blvd Trinity 5-7190
Maplewood, N J, 6 Bowdoin St South Orange 2-2005
N Y, 136 Liberty St Beekman 3037
S Gate, Cal, 8411 State St Logan 5-6063
Sims Co, Inc, 1402 E 18 St, Erie, Pa 22-607
Sinclair Refining Co, 600 5 Ave, N Y 20 Circle 6-3600
Sindar Corp, 330 W 42 St, N Y 36 Longacre 4-8750
Boston, Mass, 140 Federal St Liberty 2-4757
Chicago 6, Ill, 605 W Washington Blvd Franklin 2-4858
Cincinnati, Ohio, Blymyer Bldg, 514 Main St Parkway 8254
Detroit 26, Mich, 1713 Ford Bldg Woodward 2-4762
Los Angeles 48, Cal, 8750 Alden Dr Bradshaw 2-7047
Phila 44, Pa, 18 W Chelten Ave Victor 8-2881
Seattle, Wash, 2607 2 Ave Main 4077
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis Mitchell 5-1442
Chicago 8, Ill, 3100 S Wood St Lafayette 3-5410
Slater-Robbins Co, Inc, 28-44 Borden Ave, L I C 1, N Y Stillwell 4-2760
Providence, R I, 27 Hillside Ave
Sloss-Sheffield Steel & Iron Div, United States Pipe & Foundry Co, 3300 1 Ave, N, Birmingham 2, Ala 3-3161
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio Melrose 1-1100
Buffalo 21, N Y, 360 Mt Vernon Rd Windsor 0100
Chicago, Ill, 1661 N Milwaukee Ave Armitage 6-0866
Cincinnati, Ohio, Paramount Bldg Avon 1136
Fenton, Mich, 602 Frank St 4554
Los Angeles, Cal, 8006 Melrose Ave Webster 1-1016
N Y, 30 Church St Cortlandt 7-5356
Phila, Pa, 33 & Arch, Wilford Bldg Baring 2-6677
St Louis, Mo, 2732 LaSalle St Laclede 4545
Syracuse, N Y, 107 Tully St 4-8597
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis Uptown 3-3000
Chicago 4, Ill, 310 S Michigan Ave Wabash 2-6212
Houston 2, Tex, P O Box 9668 Charter 2681
Los Angeles 22, Cal, 5715 Smithway St Underhill 0-3361
N Y 17, 250 Park Ave Plaza 3-1771
George F Smith, Inc, 60 E 42 St, N Y 17 Murray Hill 7-5651
Werner G Smith, Inc, 1730 Train Ave, Cleveland 13, Ohio Tower 1-3676
N Y 7, Woolworth Bldg Beekman 3-8215
Smith Chem & Color Co, Inc, 55 John St, Bklyn 1, N Y Main 5-0567
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio AD 5343
Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J El 2-4500
SMITH-N Y CO, INC, 69 Hampton Pl, Freeport, N Y 9-2447
Smith & Nichols Inc, 121 Maiden Lane, N Y 38 Whitehall 3-5026
Snap-On Tools Corp, 8086 28 Ave, Kenosha, Wis 6104
Albany 5, N Y, 546 Clinton Ave 4-2971
Atlanta, Ga, 380 Techwood Dr, N W Lamar 4031
Baltimore 18, Md, 1209 E 25 St Hopkins 7-4666
Boston 35, Mass, 116 N Beacon St Stadium 2-2230
Bklyn 25, N Y, 1649 Bedford Ave Slocum 6-8707
Buffalo 13, N Y, 628 W Utica St Garfield 6374
Charlotte 6, N C, 915 S Clarkson St 3-8831
Chicago 7, Ill, 120 N May St Taylor 9-2651
Cincinnati 6, Ohio, 605 E McMillan St Woodburn 3188
Cleveland 15, Ohio, 2912 Euclid Ave Prospect 1-4400
Dallas 1, Tex, 2932 Commerce St Riverside 1611
Denver 3, Col, 1050 Broadway Alpine 5406
Detroit 2, Mich, 93 Piquette Ave Trinity 5-6455
Fargo, N D, 421 N P Ave 5790
Houston 3, Tex, 1810 LaBranch St Blackstone 5404
Indianapolis 2, Ind, 848 Ft Wayne Ave Lincoln 4351
Jacksonville 6, Fla, 1602 Walnut St 4-4460
Kansas City 2, Mo, 3635 Main St Westport 0364
Los Angeles 17, Cal, 1717 W 6 St Dunkirk 83445
Miami 48, Fla, P O Box 626 64-5074
Milwaukee 3, Wis, 2600 W State St West 3-3116
Minneapolis 3, Minn, 1218 Harmon Pl Geneva 5367
Newark 6, N J, 823 Sandford Ave Essex 5-3197
New Orleans 13, La, 1040 Camp St Raymond 2418
N Y 67, 2807 White Plains Rd Tulip 2-6868
Okla City 3, Okla, 901 N Hudson Forest 5-4975
Omaha 2, Neb, 109 S 24 St Jackson 6159
Phila 30, Pa, 1710 Fairmount Ave Poplar 5-7400
Pittsburgh 8, Pa, 7007 Kelly St Montrose 7600
Richmond 20, Va, 1617 W Broad St 5-8115
St Louis 3, Mo, 2647 Washington Blvd Newstead 1150
San Francisco 2, Cal, 635 Golden Gate Ave Underhill 3-3195
Seattle 22, Wash, 1501 Olive Way Capitol 3646
Syracuse 3, N Y, 323 Irving Ave 75-2224
Toledo 6, Ohio, 2932 Monroe St Adams 1026
Snow & Co, 3039 E 12 St, Los Angeles 23, Cal Angelus 3-7411
Jno C F Snyder & Sons, Inc, 2304-08 N 28 St, Phila 32, Pa BA 9-3331
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa Regent 9-5678
Los Angeles 37, Cal, 3810-38 S Broadway Pl AD 1-0331
St Louis 6, Mo, 1615 N 7 St Chestnut 2727
San Francisco 5, Cal, 149-151 2 St Exbrook 2091
Seattle 4, Wash, 71 Columbia St Elliott 6024
Snyder Chem Corp, Henry St, Bethel, Conn Danbury 8-5678
Irving M Sobin Co, Inc, 72-74 Granite St, Boston 10, Mass South Boston 8-3973
Solvay Process Div, Allied Chem & Dye Corp, 61 Broadway, N Y 6 Bowling Green 9-2810
Boston, Mass, 45 Milk St Hancock 6-2160
Charlotte, N C, 212 S Tryon St 3-0538
Chicago, Ill, 1 N LaSalle St Randolph 6-2070
Cincinnati, Ohio, 3008 Carew Tower Main 0440
Cleveland, Ohio, 926 Midland Bldg Main 1-0656
Detroit, Mich, 7501 W Jefferson Ave Vinewood 2-4400
Houston, Tex, 601 Melrose Bldg Atwood 8-5219
New Orleans, La, 1107 Pere Marquette Bldg, Baronne St Raymond 1179
Phila 7, Pa, 12 S 12 St Walnut 2-0477
Pittsburgh 19, Pa, 1107 Gulf Bldg Atlantic 5531
St Louis 8, Mo, 3615 Olive St Newstead 3636
Syracuse, N Y, Milton Ave 8-1611
L Sonneborn Sons, Inc, 300 4 Ave, N Y 10 Oregon 3-6000
Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal AN 7276
Ogden, Utah, 2005 Lincoln Ave (Tr. State Minerals Co) 8370
Southern Cotton Oil Co, 25 Broad St, N Y 4 Bowling Green 9-4190
Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C 8131
N Y 17, 521 5 Ave Murray Hill 7-0388
Southern Naval Stores Div, Leach Bros, Inc, Columbia, Miss 800
Chicago 3, Ill, 135 S LaSalle St Central 6-8147
Southern Textile Chem Corp, Clearwater, S C Bath 2521
N Y, 1407 Broadway Longacre 4-6000
Southline Metal Products Co, 2115 Sabine St, Houston 10, Tex Preston 5389
Southside Chem Co, Inc, 2031 Woodland Rd, Petersburg, Va 6113-J
Southwestern Analytical Chem, 1107 W Gibson St, Austin 4, Tex 6-3959
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill 6-6430
Los Angeles 46, Cal, 8687 Melrose Ave & San Vincente Blvd Bradshaw 2-6729
N Y, 70 E 45 St Murray Hill 6-8529
Specialized Instruments Corp, 601 O'Neill Ave, Belmont, Calif Lytell 3-7693
Special Screw Products Co, 5445 Dunham Rd, Bedford, Ohio MO 2-0031
Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal Nevada 6-2306
F M Speekman Co, 241 Quint St, San Francisco 24, Cal Atwater 8-0344
Fresno, Cal, 245 Cambridge Ave 2-6193
Sacramento, Cal, 305 39 Way Hillcrest 5-6016
San Jose, Cal, 3071 Williams Rd Axminster 6-6536
Speer Carbon Co, St Marys, Pa 4-2801
Spence Engrg Co, Inc, 29-41 Grant St, Walden, N Y Walden 2-4501
Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo Ba 6600
Atlanta, Ga, Candler Bldg Lamar 0418
Chicago, Ill, 1 National Bank Bldg Andover 3-2656
Memphis, Tenn, Union Planters National Bank Bldg 5-8558
N Y, Chrysler Bldg Murray Hill 5-6230
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn 3-6293
Chicago, Ill, 53 W Jackson Blvd
Los Angeles, Cal, 656 S Los Angeles St
N Y, 101 Park Ave
Newark, N J, 24 Commerce St
Washington, D C, 912 Washington Loan & Trust Bldg, 9 & F Sts N W
D R Sperry Co, Batavia, Ill Aurora 2-4361
N Aurora, Ill
Spick Products Co, Athens, N Y Hudson 8-6211
Spray Engrg Co, 114 Central St, Somerville, Mass 6-5480
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill Linden 4-0380
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio Kenmore 1-1064
Stacey Bros Div, Dresser-Stacy Co, 5535 Vine St, Cincinnati 16, Ohio Avon 6574
Stainless Steel Products Co, 1000 Berry Ave, St Paul 14, Minn Nestor 8833
A E Staley Mfg Co, Box 151, Decatur 60, Ill 3-4411
Atlanta 3, Ga, 134 Peachtree St N W, 1616 Rhodes-Haverty Bldg Walnut 0476
Chicago 10, Ill, 363 W Ontario St Superior 7-5184
Cleveland, Ohio, D & C Bldg, 810 Erieside Main 1-2682
Kansas City 6, Mo, 1236 Board of Trade Bldg Victor 6753
N Y 17, Graybar Bldg, 420 Lexington Ave Murray Hill 3-1795
Phila 6, Pa, 644 Drexel Bldg, Independence Sq Lombard 3-3287
St Louis, Mo, 703 Continental Bldg, 3615 Olive St Newstead 5488
San Francisco, Cal, 314 Spreckels Sugar Bldg, 2 Pine St Sutter 1-3689
S Boston 27, Mass, King Terminal Bldg, 803 Summer St 8-2060
Stanalchem, Inc, 350 Madison Ave, N Y 17 Murray Hill 2-8186
N Y 17, 155 E 44 St
Standard Brands Inc, Special Products Div, 595 Madison Ave, N Y 22 Plaza 9-4400
Chicago, Ill, 1015 S Independence Blvd
Los Angeles, Cal, 2660 S Eastern Ave
Standard Chem Co, 217 New St, Phila 6, Pa LO 3-7092
Standard Chem Products Inc, 1301 Jefferson St, Hoboken, N J 3-1200
Salisbury, N C, Wallace Bldg 2707
Standard Chlorine Chem Co, Inc, 115 Jacobus Ave, S Kearny, N J Mitchell 2-1703
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn VI 7-1355
Chicago 18, Ill, 2800 N Milwaukee Ave
N Y 1, 461 8 Ave
Standard Elec Time Co, 121 Logan St, Springfield, Mass 6-7237
Atlanta, Ga, 542 Forrest Rd, N E
Birmingham, Ala, 619 S 11 St
Boston, Mass, 10 High St
Buffalo, N Y, 220 Delaware Ave
Chicago, Ill, 53 W Jackson Blvd
Columbus, Ohio, 79 E State St, Hartman Bldg
Dallas, Tex, 5606 Anita St
Denver, Col, 1925 Blake St
Detroit, Mich, 2457 Woodward Ave
Houston, Tex, 4104 San Jacinto
Kansas City, Mo, 1207 Grand Ave
Los Angeles, Cal, 106 W 3 St
Miami, Fla, 3150 N W 7 St
Milwaukee, Wis, 623 N 2 St
Minneapolis, Minn, 803 Pence Bldg
New Orleans, La, 415 Natchez St
N Y, 50 Church St
Okla City, Okla, 5009 N Steanson Dr
Phila, Pa, 123 S Broad St
Pittsburgh, Pa, 306 Bessemer Bldg
St Louis, Mo, 455 Paul Brown Bldg
Salt Lake City, Utah, 264 E 1 South St
San Francisco, Cal, 16 Beale St
Seattle, Wash, 709 New World Life Bldg
Washington, D C, 1507 M St, N W
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo FL 7783
Standard Napthalene Products Co, Inc, 115 Jacobus Ave, S Kearny, N J Mitchell 2-1703
Standard Oil Co, 910 S Michigan, Chicago 80, Ill HA 7-9200
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill Delaware 7-1200
Cleveland 6, Ohio, 2029 E 102 St Randolph 1-0786
Los Angeles 16, Cal, 2952 Crenshaw Blvd
Newark 4, N J, 597 Broadway Humboldt 2-8566
Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J Woodlawn 4-3278
Standard-Toch Chem, Inc, 2600 Richmond Terrace, Staten Island 3, N Y GI 2-5300
Chicago, Ill, 2600 Federal St Victory 2-7860
Linden, N J, 1321 W Elizabeth Ave 2-2727
Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va 6115
Boston, Mass, 140 Federal St Liberty 2-1502
Chicago, Ill, 510 N Dearborn St Superior 7-3809
N Y, 60 E 42 St Murray Hill 2-6605
Phila, Pa, 121 N Broad St Rittenhouse 6-7354
Wm J Stange Co, 342 N Western Ave, Chicago 12, Ill Seeley 3-6945
Oakland, Cal, 8140 Baldwin
William W Stanley Co, Inc, 401 Broadway, N Y Canal 6-5420
Stanley Works, 195 Lake St, New Britain, Conn 9-2021
Chicago 10, Ill, 61 W Kinzie St Whitehall 4-4550
Los Angeles 14, Cal, 108 W 6 St Trinity 6795
N Y 13, 100 Lafayette St Canal 6-0500
San Francisco, Cal, 923-929 Monadnock Bldg Yukon 6-5914
Seattle 4, Wash, 618 2 Ave Main 5773
Star-Kimble Motor Div, Miehle Printing Press & Mfg Co, 200 Bloomfield Ave, Bloomfield, N J 2-8160
Chicago 8, Ill, 2011 Hastings St Canal 6-1720-1
Cleveland 15, Ohio, 812 Huron Rd Cherry 4005
Phila, Pa, 10 S 18 St Rittenhouse 6-7442
Rochester 9, N Y, 104 Keswick Rd Cherry 4005
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich Trinity 5-1815
J U Starkweather Co, Inc, 241 Allens Ave, Providence, R I Williams 1-0812

Starr Mfg & Chem Co, 1193 E Franklin St, P O Box 383, Lima, Ohio 5-2001

State Mfg Co, Inc, 3545 E 76 St, Cleveland 5, Ohio Broadway 1-7670

Stauffer Chem Co, 420 Lexington Ave, N Y 17 Oregon 9-0200
Akron 8, Ohio, 326 S Main St
Apopka 93, Fla, P O Box 97 4341
Chicago 1, Ill, 221 N LaSalle St Randolph 8955
Houston 8, Tex, Box 7222 Twinoaks 3333
Los Angeles 14, Cal, 824 Wilshire Blvd Trinity 5771
North Portland, Ore, P O Box 68, Suttle Rd University 3675
San Francisco 8, Cal, 636 California St Sutter 1-5350
Weslaco, Tex, Box 495 733

Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore University 3675

Stearns Magnetic, Inc, 672 S 28 St, Milwaukee 46, Wis Evergreen 3-4800

Steel City Mfg Co, 190 N Meridan Rd, Youngstown, Ohio 9-3286

Ben P Steele Co, 342 Madison Ave, N Y 17 Murray Hill 7-0130

Stein, Hall & Co, Inc, 285 Madison Ave, N Y Mu 9-0800

Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill Frontier 6-2800
Chicago 22, Ill, 1353 N North Branch St Mohawk 4-6000
N Y 36, 33 W 42 St Chickering 4-1778

Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Atlanta, Ga, P O Box 268, Sta A
Boston, Mass, Park Sq Bldg
Chicago, Ill, 20 N Wacker Dr
Cleveland, Ohio, Hanna Bldg
Detroit, Mich, Book Bldg
Los Angeles, Cal, 2227 E 37 St
N Y, 50 Church St
Pittsburgh, Pa, Investment Bldg
St Louis, Mo, Paul Brown Bldg
San Francisco, Cal, 151 Mission St

Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis Edgewood 2-3110

Sterling Electric Motors, Inc, 5401 Telegraph Rd, Los Angeles 22, Cal Angelus 4211
Baltimore 18, Md, 1658 Roundhill Rd (Phila Br) Tuxedo 9584
Birmingham 5, Ala, 2212 20 Ave S (Memphis Br) 29-5432
Boston, Weston 93, Mass, 125 Newton St Waltham 5-2377
Buffalo 17, N Y (N Y Br), 63 Liston Rd Delaware 9333
Cincinnati 37, Ohio, Roselawn Center Bldg Melrose 1759
Cleveland 15, Ohio, 1836 Euclid Ave Prospect 1-6268
Denver 2, Col, 1726 Champa St Alpine 4270
Detroit 8, Mich, 2680 W Grand Blvd Trinity 1-7600
Greensboro, N C, 211 W Sycamore St (Phila Br) 4-1501
Houston 2, Tex, 1213 Capitol Ave Preston 1820
Kansas City 6, Mo, 1207 Grand Ave Victor 3330
Memphis 3, Tenn, 1145 Sterick Bldg 8-2987
Milwaukee 2, Wis, 225 E Michigan St Broadway 2-1922
Minneapolis 14, Minn, 215 6 St S E Geneva 2828
New Orleans 20, La, 1616 Ridgelake Dr (Memphis Br) Temple 7726
Phila 7, Pa, 121 N Broad St Rittenhouse 6-0219
Portland 9, Ore, 519 N W Park Ave Atwater 4656
St Louis 8, Mo, 4378 Lindell Blvd Olive 0431
San Francisco 7, Cal, 1 S Park Sutter 1-7997
Seattle 4, Wash, 1712 1 Ave S Seneca 0723
Syracuse, N Y, 712 State Tower Bldg (N Y Br) Syracuse 2-3762

Sterol Derivatives, Inc, 3626 Medford St, Los Angeles 63, Cal Angeles 0181

Sterone Corp, 250 W 57 St, N Y 19 Circle 6-2368
Bound Brook, N J, 301 Lincoln Blvd 9-3121

Sterwin Chem, Inc, 1450 Broadway, N Y 18 Lackawanna 4-6400
Atlanta, Ga, 152 Peters St S W Cypress 1626
Chicago, Ill, 445 Lake Shore Dr Superior 7-8561
San Francisco, Cal, 349 9 St Sutter 1-2694

Frederic B Stevens, Inc, 1800 18 St, Detroit 16, Mich Tashmoo 5-0725
Buffalo 12, N Y, 93 Stone St Taylor 2091
Chicago 44, Ill, 4900 W Madison Esterbrook 8-4927
Cleveland 14, Ohio, 1940 E 6 Cherry 1-6165
Indianapolis 7, Ind, 36 Shelby Franklin 1726
New Haven, Conn, 168 Brewery St 8-0501

Stevenson, Bro & Co, 110 Race St, Phila 6, Pa Market 7-0760

Stewart Chem Products, Longmont, Col 1270-W

William M Stieh & Co, Inc, 20 Vesey St, N Y 7 Worth 4-4265
Teaneck, N J, 721 River Rd 6-7382

Stiktotin Co, 20 W 22 St, N Y 10 Oregon 5-2790

Stocker & Yale, Inc, 40 Green St, Marblehead, Mass 0038

F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa Cumberland 9-0100
Boston, Mass, 71 Charles St Lafayette 3-4290
Chicago, Ill, 20 N Wacker Dr Central 6-3331
Cincinnati 6, Ohio, 2904 Woodburn Ave Woodburn 1486
Cleveland, Ohio, 1517 N B C Bldg Main 9584
N Y, 103 Park Ave Murray Hill 3-3585
Pasadena, Cal, 124 N Los Robles Ave Ryan 1-8619
Portland, Conn, 252 Main St Middletown 6-2601
St Louis 17, Mo, 1133 Brentwood Blvd Delmar 5550
Waltham 54, Mass, 25-8 Summer St Waltham 5-8047

Stoney-Mueller, Inc, Page & Newark Aves, Lyndhurst, N J Rutherford 2-7420

Fred'k A Stresen-Reuter, Inc, 2113 Medill Ave, Chicago 47, Ill Humboldt 6-1552

Bensenville, Ill, 300 W Main St 528

Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio Tower 1-8800

Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa 680
Chicago 3, Ill, 122 S Michigan Ave Wabash 2-8160
N Y 20, 30 Rockefeller Plaza Circle 6-2870

A J Stull & Co, 5816 Tacony St, Phila 24, Pa DE 6-8252

Alfred F Stumpf Co, Inc, 140 Maiden Lane, N Y 38 Bowling Green 9-8663

Sturtevant Div, Westinghouse Elec Corp, 125 Reedville St, Hyde Park, Boston 36, Mass 3-3700
Akron 8, Ohio, 159 S Main St Jefferson 6895
Atlanta 3, Ga, 87 Cone St N W Lamar 8442
Baltimore 2, Md, 501 St Paul Pl Plaza 0300
Boston 10, Mass, 10 High St Liberty 2-0600
Buffalo 3, N Y, 830 Ellicott Sq Bldg WA 1269
Chicago 54, Ill, Mdse Mart Plaza Whitehall 4-3860
Cincinnati 2, Ohio, 630 Vine St Main 9860
Cleveland 14, Ohio, 1365 Ontario St Cherry 1-3313
Columbus 15, Ohio, 262 N 4 Ave Main 5527
Dallas 1, Tex, 1608 Canton St Riverside 5109
Davenport, Iowa, 2212 E 12 St 3-2761
Des Moines, Iowa, 1408 Walnut St 2-0244
Detroit 31, Mich, 5757 Trumbull Ave Trinity 2-7010
Greensboro, N C, 707 Guilford Bldg 3-5551
Hartford 3, Conn, 36 Pearl St 5-3137
Houston 2, Tex, 1314 Texas Ave Charter 8606
Indianapolis 4, Ind, 106 E Market St Market 9484
Kansas City 6, Mo, 101 W 11 St Harrison 7122
Los Angeles 17, Cal, 600 St Paul Ave Madison 6-3881
Milwaukee 2, Wis, 538 N Broadway Daly 8-1800
New Orleans, La, Godchaux Bldg Magnolia 6362
N Y 17, 420 Lexington Ave Murray Hill 6-2740
Newark 2, N J, 1060 Broad St Mitchell 2-8495
Phila 4, Pa, 3001 Walnut St Evergreen 2-1200
Pittsburgh 22, Pa, 2007 First National Bank Bldg Atlantic 1-8400
Rochester 7, N Y, 1048 University Ave Monroe 8670
St Louis 1, Mo, 904 Ambassador Bldg Chestnut 1362
San Francisco 8, Cal, 410 Bush St Exbrook 2-5353
Seattle 1, Wash, 1304 4 Ave SE 6050
Syracuse 4, N Y, 700 W Genesee St 2-6852
Toledo 4, Ohio, 245 Summit St Garfield 4625
Washington 6, D C, 1625 K St N W National 8843

Sturtevant Mill Co, 103 Clayton St, Dorchester, Boston 22, Mass Talbot 5-6500
N Y 6, 149 Broadway Barclay 7-3624

Submerged Combustion Co of America Inc, 759 Logan St, Hammond, Ind Sheffield 8050

Sullivan Co, 212 E Trigg Ave, Memphis, Tenn 9-8606

Summit Chem Products Corp, 11 William St, Belleville 9, N J 2-3225

Sumner Chem Co, Inc, 6 E 45 St, N Y 17 Murray Hill 2-7970

Sun Oil Co, 1608 Walnut St, Phila 3, Pa Kingsley 6-1600

Henry Sundheimer Co, 103 Park Ave, N Y 17 Murray Hill 5-4214

Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill Longbeach 1-2146

Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky Raymond 9744

Superior Combustion Industries, Inc, 1475 Broadway, N Y 18 Longacre 4-7550

Superior Elec Co, 83 Laurel St, Bristol, Conn 2-9561
Cleveland 14, Ohio, 1940 E 6 St Cherry 1-7252
Oak Park, Ill, P O Box 48 Euclid 6-5898

Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill Randolph 6-7939

Superior Materials, Inc, 120 Liberty St, N Y 6 Beekman 3-8945

Superior Zinc Corp, 121 N Broad St, Phila 7, Pa Locust 7-3753
Bristol, Pa, Radcliffe & Monroe Sts 851

Surety Rubber Co, Carrollton, Ohio 199

Surface Combustion Corp, 2375 Dorr St, Toledo 1, Ohio Jordan 4611

Sutton, Steele & Steele, Inc, 1031 S Haskell Ave, Dallas 10, Tex Taylor 9143

Swenson Evaporator Div, Whiting Corp, 157 & Lathrop Sts, Harvey, Ill Interocean 8-9400
(See Whiting Corp, Swenson Evaporator Div Branch Offices)

Swift & Co, Union Stock Yards, Chicago 9, Ill Yards 7-4200

Cotton Seed Mill Depts
Albany, Ga, Box 778, Sylvester Rd 1140
Atlanta, Ga (East Point) Calhoun 1146
Augusta, Ga, 1890 Savannah Rd 2-7361
Brownwood, Tex, 1600 Comanche St 2608
Cairo, Ill, 4210 Sycamore St 3000
Chicago, Ill, 4115 Packers Ave Yards 7-4200
Coleman, Tex, 1000 Gross St 6161
Columbia, S C, 5 Points Station 5180
Dallas, Tex, 4401 S Fitzhugh Ave Harwood 2168
Ft Worth, Tex, Decatur Ave 6-2155
Gainesville, Tex, 1504 N Dixon St 220
Greenwood, S C, S Main St 8-1751
Harlingen, Tex, Wilson Rd 1377
Houston, Tex, 401 W 6 St UN 1717
Little Rock, Ark, Ft E 17 St 4-0238
Memphis, Tenn, 519 Sterick Bldg 5-7621
Mexia, Tex, W Titus St 44
Montgomery, Ala, 610 N Decatur St 3-2521
Palestine, Tex, 302 E Spring St 2-7277
Portageville, Mo, 61 Highway N 221
San Antonio, Tex, 510 Simpson St Fannin 4304
Selma, Ala, 1100 Plant St 1108
Terrell, Tex, Gardner St 3
Waco, Tex, 615 Forrest St 34566

Peanut Shelling Depts
Durant, Okla, Cedar & Clar St 1790
Stephenville, Tex, 647 Vanderbilt St 69

Plant Food Dept
Albany, Ga, Box 371 1200
Atlanta, Ga, 33 Hunter St S W Walnut 2300
Baltimore, Md, Curtis Bay 2306
Calumet City, Ill (Hammond, Ill) Torrence 2-7220
Cleveland, Ohio, P O Box 2740, W Park St Clearwater 1-5500
Columbia, S C, Box 5285, 5 Pts Branch 4-3934
Greensboro, N C, Box 138 Greenville 1362
Hayward, Cal, P O Box 540, 1225 Winton Ave
Los Angeles, Cal, 4060 E 26 St Angelus 7211
Madison, Wis, P O Box 152, 703 Swift Ave 4-3517
National Stock Yards, Ill Bridge 1000
New Orleans, La, 508 Industrial Bldg Raymond 8606
N Y, 14 St & 8 Ave Chelsea 2-7626
Norfolk, Va, 627 Wainwright Bldg 25327
N Portland, Ore, P O Box 38 Twin Oaks 8869
Savannah, Ga, P O Box 1258 4-5162
Shreveport, La, Box 3055 2-7191
Wilmington, N C, P O Box 210 4476
Winter Haven, Fla, Box 1272 20042

Soya Bean Mill Depts
Champaign, Ill, Wilbur Hghts 6-3711
Des Moines, Iowa, 935 E Euclid Ave 6-5175
Frankfort, Ind, Blinn Rd 4411

Technical Products, Soap & Adhesive Depts
Atlanta, Ga, Howell Mill Rd & 14 St N W Emerson 2571
Chicago, Ill, 4115 Packers Ave Yards 7-4200
Cleveland, Ohio, 3241 W 65 St Melrose 1-2660
Cambridge, Mass, 165 Gore St Kirkland 7-1400
E St Louis, Ill, St Clair County Grand 2800
Hammond, Ind, 165 & Indianapolis Blvd Essex 5-6800
Harrison, N J, 1215 Harrison St Kearney 2-2100
Harvey, La, P O Harvey
Kansas City, Kans, 10 Berges St Garfield 5500
Los Angeles, Cal, 2691 E Vernon Ave Madison 9-2681
N Y, 74 Trinity Pl Digby 4-7260
N Portland, Ore, P O N Portland TW 2320
S Omaha, Nebr, 275 & G Sts Market 2280
S St Joseph, Mo, 400 Packers Ave 8-1771
S St Paul, Minn, P O S St Paul La Salle 1331
S San Francisco, Cal, E Brand Ave Juno 8-3233

Sylvania Elec Products, Inc, Tungsten & Chem Div, Towanda, Pa 640

Union City, N J, 3214 Bergenline Ave Union 5-4080

Synthetic Chem, Inc, 335 McLean Blvd, Paterson 4, N J Mulberry 4-1726
Los Angeles, Cal, 900 Wilshire Blvd Madison 9-3401

Syntron Co, 422 Lexington Ave, Homer City, Pa 9-8011
Atlanta, Ga, 2235 Cheshire Bridge Rd N E (Syntron Atlanta Sales Co) Exchange 1984
Baltimore 12, Md, 4415 York Rd (Syntron Baltimore Sales Co) Hopkins 4817
Birmingham 9, Ala, 1831 29 Ave S (Syntron Birmingham Sales Co) 29-4914
Boston 34, Mass, 171 Brighton Ave (Syntron Boston Sales Co) Algonquin 4-5176
Buffalo 2, N Y, 59 Wilkeson St (Syntron Buffalo Sales Co) Cleveland 1242
Chatham (Albany), N Y (Syntron Syracuse Sales Co) 8-8495
Chicago 24, Ill, 236 N Crawford Ave (Syntron Chicago Sales Co) Nevada 2-3676
Cincinnati 36, Ohio, 7683 Montgomery Rd (Syntron Cincinnati Sales Co) Sycamore 6160
Clearwater, Fla, 315 S Fort Harrison Ave (Syntron Florida Sales Co) 31-6921
Cleveland 15, Ohio, 2919 Carnegie Ave (Syntron Cleveland Sales Co) Superior 1-1043
Columbus 12, Ohio, 214 Kingswood Bldg (Syntron Cincinnati Sales Co) Kingswood 5566
Dallas 1, Tex, 614 Irwin Keasler Bldg (Syntron Houston Sales Co) Prospect 4328
Des Moines 9, Iowa, 304 Home Federal Bldg (Syntron Des Moines Sales Co) 4-2011
Detroit 3, Mich, 21329 Woodward Ave (Syntron Detroit Sales Co) Jordan 6-3166
Fairmont, W Va, 405 6 St (Syntron W Va Sales Co) 2477
Franklin, Pa, 1131 Elk St (Syntron Pittsburgh Sales Co) 1761
Greensboro, N C, 1007 N Elm St (Syntron Baltimore Sales Co) 7633
Hasbrouck Heights (Newark), N J, 140 Route 17 & Henry St (Syntron Newark Sales Co) 8-1845
Hilton (Rochester), N Y, 688 Wilder Rd (Syntron Buffalo Sales Co) 2030
Houston 23, Tex, 2234 Telephone Rd (Syntron Houston Sales Co) Wentworth 4659
Indiana, Pa, Rend Bldg (Syntron Irvin Sales Co) 5-4805
Indianapolis 1, Ind, 2209 E 10 St (Syntron Cincinnati Sales Co) Atlantic 0718
Kansas City 8, Mo, 2807 Main St (Syntron Kansas City Sales Co) Victor 8880
Louisville 2, Ky, 1622 Heyburn Bldg (Syntron Cincinnati Sales Co) Clay 3487
Memphis 4, Tenn, 1896 Madison Ave (Syntron Cincinnati Sales Co) 36-8604
Milwaukee 3, Wis, 2400 W Clybourn St (Syntron Milwaukee Sales Co) Division 2-6010
Minneapolis 14, Minn, 2524 University Ave S E (Syntron Minneapolis Sales Co) Gladstone 2269
Nashville, Tenn, 1401 21 St S (Syntron Cincinnati Sales Co) 7-2088

New Orleans, La, 4416 Perlita St (Syntron Houston Sales Co) Fairview 6597
N Y 23, 1860 Broadway (Syntron N Y Sales Co) Judson 6-1507
Phila 40, Pa, 3900 Germantown Ave (Syntron Phila Sales Co) Baldwin 3-7788
Pittsburgh 12, Pa, 119 Federal St (Syntron Pittsburgh Sales Co) Allegheny 1-6030
Reading, Pa, 522 Washington St (Syntron Reading Sales Co) 5-1448
Richmond 28, Va, 7006 Thornrose Ave (Syntron Baltimore Sales Co) 6-5890
St Louis 17, Mo, 4431 Manchester Ave (Syntron St Louis Sales Co) Olive 4366
Salt Lake City 1, Utah, 66 Post Office Place (Syntron Salt Lake City Sales Co) 9-7363
San Antonio, Tex, 906 E Euclid St (Syntron Houston Sales Co) C-44111
San Francisco 10, Cal, 59 30 St (Syntron San Francisco Sales Co) Atwater 8-1162
South Bend, Ind, 1202 E Madison St (Syntron Chicago Sales Co) 4-1970
South Charleston, W Va, 313 Central Ave (Syntron W Va Sales Co) 4-3505
South Gate (Los Angeles), Cal, 8413 State St (Syntron Los Angeles Sales Co) Logan 5-5286
Springfield 8, Mass, 70 Randolph St (Syntron Connecticut Sales Co) 3-6202
Syracuse 3, N Y, 1747 Erie Blvd E (Syntron Syracuse Sales Co) 72-3000
Toledo 6, Ohio, 3306 Middlesex Dr (Syntron Toledo Sales Co) Lawndale 2275
West Hartford 7, Conn, 62 LaSalle Rd (Syntron Connecticut Sales Co) Hartford 33-3269
Tulsa 3, Okla, 910 S Boston (Syntron Houston Sales Co) 54-2828
Williamston (Lansing), Mich, 306 Crossman St (Syntron Detroit Sales Co) 204
Wilmington 3, Del, 1204 Riverside Dr (Syntron Phila Sales Co) 1204 Riverside Dr Holly Oak 5990

T

Taco West Corp, 525 N Noble St, Chicago 22, Ill Taylor 9-6606
Tagliabue Instruments Div, Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J Bigelow 3-4700
Chicago 6, Ill, 205 Wacker Dr Franklin 2-4656
N Y 7, 50 Church St Worth 4-3510
Washington 11, D C, 6230 3 St, N W Tuckerman 2414
Takamine Lab, Inc, 193 Arlington Ave, Clifton, N J Prescott 9-4776
Talk-A-Phone Co, 1512 S Pulaski Rd, Chicago 23, Ill Lawndale 1-8414
Tanners Supply Co, 220 Watson Bldg, 108 Fulton St E, Grand Rapids 2, Mich 9-6239
Tar Residuals, Inc, 420 Lexington Ave, N Y 17 Lexington 2-9414
F H Taussig, 175 W 76 St, N Y 23 Trafalgar 4-1361
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md Towson 1573
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill Bishop 2-2100
Atlanta, Ga Vernon 4359
Chicago, Ill, 208 S LaSalle St Randolph 6-1033
Dallas, Tex, 908 Mercantile Securities Bldg Prospect 8271
Houston, Tex, City National Bank Bldg Charter 4-3529
Los Angeles, Cal, General Petroleum Bldg Madison 6-6765
N Y, 50 Church St Cortlandt 7-5576
Phila, Pa, Suburban Station Bldg
Pittsburgh, Pa, First National Bank Bldg Grant 1-0668
San Francisco, Cal, 225 Bush St Garfield 1-7041
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y Genesee 4800
Atlanta 3, Ga, 501-502 Bona Allen Bldg Walnut 9554
Baltimore 11, Md, 330 W 24 St Belmont 8110
Boston 15, Mass, 857 Commonwealth Ave Stadium 2-0200
Buffalo 17, N Y, 7-8 Manufacturers & Traders Trust Co Bldg Victoria 5245
Charlotte, N C, P O Box 1453 6-1901
Chicago, Ill, 423 South Blvd (Oak Park, Ill) Esterbrook 9-0876
Cincinnati 2, Ohio, 709 Temple Bar Bldg Garfield 3530
Cleveland 14, Ohio, 220 Auditorium Bldg, 1367 E 6 St Cherry 1-2576
Columbus 15, Ohio, 81 E State St Adams 5557
Denver 2, Col, 234 Commonwealth Bldg, 728 15 St Tabor 7575
Greensboro, N C, P O Box 1837, 720 Jefferson Bldg 6606
Houston 11, Tex, 5001 Navigation Bldg Woodcrest 4486
Indianapolis 4, Ind, 317 Peoples Bank Bldg Market 9275
Knoxville, Tenn, 317 N Gay St 2-3881
Los Angeles 39, Cal, 2455 Riverside Dr Normandy 2-3191
Minneapolis 2, Minn, 600 Builders Exchange, 609 2 Ave S Geneva 1058
N Y 20, 30 Rockefeller Plaza Judson 6-3544
Omaha 1, Neb, P O Box 1244
Phila 3, Pa, 1617 Pennsylvania Blvd Rittenhouse 6-1156
Pittsburgh 16, Pa, 2882 W Liberty Ave Lehigh 1-3301
Portland 5, Ore, 1220 S W Stark St Atwater 4107
St Louis 8, Mo, 4600 Olive St Rosedale 6292
San Francisco 19, Cal, P O Box 3022, 145 Mission St Sutter 1-0286
Schenectady, N Y, P O Box 1244 2-8211
Seattle, Wash, Lloyd Bldg, 6 & Stewart Sts Main 4898
Silver Spring, Md, 8404 Ramsey Ave Juniper 9-8487
Springfield 9, Mass, 197 Albermarle St 3-3721
Syracuse 3, N Y, 1013 S State St 2-3652
Tulsa 3, Okla, 613-615 E 4 St 3-7139
Wilmington, Del, Industrial Trust Bldg, 10 & Shipley Sts 9814
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio Melrose 3440
Chicago, Ill, 208 La Salle St Central 6-9038
Easton, Pa 7271
High Bridge, N J 80
N Y, 110 E 42 St MU 3-9215
Telecomputing Corp, 133 E Santa Anita Ave, Burbank, Cal Charleston 0-8161
Washington 5, D C, 1000 Vermont Ave N W District 7-2216
C Tennant, Sons & Co of N Y, 100 Park Ave, N Y 17 Oregon 9-1300
San Francisco 4, Cal, 333 Montgomery St
Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga Walnut 4210
Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn 4-1651
Chicago, Ill, 332 S Michigan Blvd Wabash 2-0659
N Y, Empire State Bldg Lackawanna 4-0746
Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J Hawthorne 7-3344
Texas Gulf Sulphur Co, 75 E 45 St, N Y 17 Murray Hill 6-6470
Texas Lawn Sprinkler Co, Inc, 5422 Redfield St, Dallas, Tex Lakeside 3148
Texas Solvents & Chem Co, 8501 Market St Rd, Houston, Tex Orchard 6683
Textile Proofers, Inc, 181-193 Culver Ave, Jersey City 5, N J Bergen 3-6183
George A Thiberg Mfg Co, Chestnut Rd, Cedar Knolls, N J Morristown 4-2146
Thiokol Corp, 780 N Clinton Ave, Trenton 7, N J 6-8195
Los Angeles 17, Cal, Haliburton Bldg, 1709 W 8 St
Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md Liberty 1763
Hackleburg, Ala 2151
Thomas Flexible Coupling Co, Main Ave & Biddle St, Warren, Pa 36
Thomas Truck & Caster Co, 70 Mississippi River, Keokuk, Iowa 3032
Thomasset Colors, Inc, 338 Wilson Ave, Newark 5, N J Market 2-3113
H I Thompson Co, 1733 Cordova St, Los Angeles 7, Cal Republic 3-9161
Baltimore, Md, 6659 Loch Hill Rd Valley 3135
Indianapolis, Ind, 3219 W 29 St Hickory 8685
Thompson Chem Co, 90 Mendon Ave, Pawtucket, R I 5-3700
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo Talbot 2473
Chicago 9, Ill, 121 W Pershing Rd Atlanta 5-8807
Dallas, Tex, P O Box 6226, 4900 Singleton Federal 6521
Davenport, Iowa, 1747 W 1 St 2-0115
Denver 4, Col, 1501 W 13 Ave Keystone 1281
Des Moines 15, Iowa, S W 1 & Granger 3-8151
Houston 13, Tex, P O Box 4557, 2600 Crockett Charter 2668
Lubbock, Tex, P O Box 3176 559-98
Memphis 1, Tenn, 463 W Main 5-7561
Minneapolis 16, Minn, 909 2 St S Main 5394
New Orleans 18, La, 3111 Lowerline, P O Box 4068, Sta F University 8686
North Little Rock, Ark, P O Box 413, 123 S Main 5-6446
Oklahoma City 2, Okla, 828 N W 2 St 3-6383
Omaha 8, Neb, 1110 S 4 St Webster 4700
St Louis 2, Mo, No 5 Carr St Chestnut 2170
San Antonio 8, Tex, P O Box 126, Grayston St Sta Fannin 7377
Tulsa 3, Okla, 36 N Guthrie 4-6169
Wichita 2, Kan, 727 E Osie 5-9606
L C Thomsen & Sons, Inc, 130 43 St, Kenosha, Wis 2-3662
Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal Exbrook 2-4800
Los Angeles 14, Cal, Pacific Electric Bldg Michigan 6251
Portland 5, Ore, 870 Pittock Block Broadway 1291
Sacramento 6, Cal, Front & Broadway Sts Gilbert 2-8951
Seattle 14, Wash, 1733 S Alaskan Way Main 0920
Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y Evergreen 8-6455
Timken Roller Bearing Co, Canton 6, Ohio 6-7121
Timeproof Paint Products, Inc, 40 Richards St, Bklyn 31, N Y Main 5-4929
Titan Chem Products, Inc, Mill Rd & Wayne St, Jersey City 6, N J Henderson 3-7200
Titanium Alloy Mfg Div, National Lead Co, 111 Broadway, N Y 6 Barclay 7-0943
Columbus 11, Ohio, 2401 Northglen Dr Jefferson 6687
East Patterson, N J, 101 Godwin St Fairlawn 4-6927
Evanston, Ill, 944 Wesley Ave Greenleaf 5-4060
Flushing, N Y, Utopia Sta, 164-26 77 Rd Republic 9-7980
Lewiston, N Y, 365 River Rd & 651 Ridge Rd 6-2476 & 6-2180
Logansport, Ind, High St Rd, Rt #4 6041
Millington, N J, Valley Rd, R D#1 7-0330
Mundelein, Ill, Box #407 6595
Nashville 5, Tenn, 4101 Hillsboro Dr 8-1361
New Philadelphia, Ohio, 459 E High Ave Dover 6-4641
Pittsburgh 5, Pa, 8 Oakmont St Walnut 1-8134
Titanium Pigment Corp, 111 Broadway, N Y 6 Rector 2-9400
Boston 6, Mass, 800 Albany St Garrison 7-1000
Chicago 3, Ill, 104 S Michigan Ave Randolph 6-8494
Cleveland 15, Ohio, 101 Prospect Ave NW Cherry 1-7195
Los Angeles 22, Cal, 2600 S Eastern Ave Angelus 3-5104
Phila 3, Pa, 117 S 17 St Locust 7-7153
Pittsburgh 12, Pa, 1376 River Ave Fairfax 1-2335
Portland 9, Ore, 1238 N W Glisan St Broadway 1281
San Francisco 7, Cal, 350 Townsend St Garfield 1-1441
Titanium Zirconium Co, Inc, Locktown Rd, Flemington, N J 764-R
Tite-Cap Mach Co, Inc, 57 Rose St, N Y 38 Beekman 3-1210
Tobey Chem Co, 1472 Broadway, N Y 36 Longacre 4-2520
Toelle Chem Co, R D 1, Box 75, Newton, N J Newton 1507
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio Kingswood 5441
Atlanta, Ga, 708 Spring St, N W
Boston, Mass, 702 Beacon St
Buffalo, N Y, 304-306 Broadway
Chicago, Ill, 2033 S Michigan Ave
Cincinnati, Ohio, 2125 Central Ave
Cleveland, Ohio, 1624 St Clair Ave
Dallas, Tex, 3014 Commerce St
Denver, Col, 1421 16 St
Detroit, Mich, 2818 E Grand Blvd
Houston, Tex, 406 Louisiana St
Indianapolis, Ind, 1005 Meridian St
Kansas City, Mo, 1923 Main St
Los Angeles 15, Cal, 1115 S Hope St
Minneapolis, Minn, 3353 University Ave, S E
N Y 16, 213-215 E 27 St
Phila 23, Pa, 917 N Broad St
Pittsburgh, Pa, 424-426 Blvd of the Allies
St Louis, Mo, 3508 Lindell Blvd
San Francisco, Cal, 968 Mission St
Tolhurst Centrifugals Div, American Mach & Metals Inc, E Moline, Ill 3-4561
Atlanta, Ga, 1104 Mortgage-Guarantee Bldg Lamar 1770
Chicago, Ill, 916 S Michigan Ave Wabash 2-8072
Cleveland, Ohio, 12417 Cedar Rd Yellowstone 2-6188
Detroit, Mich, 2055 W Grand Blvd Tyler 8-7640
Los Angeles, Cal, 416 W 8 St Michigan 8631
N Y, 233 Broadway Rector 2-3822
Pittsfield, Mass, 50 S St 2-9825
Tombarel Products Corp, 12 E 22 St, N Y 10 Gramercy 7-4530
Torit Mfg Co, 292 Walnut St, S Paul 2, Minn Cedar 4419
Torre Products Co, Inc, 52-54 Wooster St, N Y Rector 2-1152
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio Glenville 1-0900
Baltimore, Md, 21 Aisquith St
Camden, N J, 11 Cooper St
Chicago, Ill, 2940 E 96 St (Towmotor Sales & Service Inc)
Detroit, Mich, 9325 Forest E
N Y, 111 Leroy St
Newark, N J, 136 Rose St
Pittsburgh, Pa, 1338 Ridge Ave
Tracer Lab, Inc, 130 High St, Boston 10, Mass HU 2-7900
Bellaire (Houston), Texas, 4603 Valerie St Madison 6468
Berkeley 2, Calif, 2295 San Pablo Ave Th 3-2527
Beverly Hills, Calif, 434 So Cannon Dr BR 2-6930
Chicago 10 Ill, 325 W Huron MI 2-5929
New York 16, N Y, 215 E 37 St MU 2-2149
Washington 5, D C, 1401 "K" St, N W National 8-4049
Tragacanth Importing Corp, 160 Water St, N Y 38 BO 9-1158
Trane Co, 3 & Cameron, La Crosse, Wis 2-8000
Albany 7, N Y, 452 Broadway 4-8177
Allentown (Wilkes-Barre area), Pa, 301 Dime Bank Bldg 4-9641
Amarillo, Tex (Clowe & Cowan Inc) 2-3248
Appleton (Milwaukee area), Wis, P O Box 441, 217 W Lawrence St 4-4531
Asheville (Greenville area), N C, #1 Kitchen Pl, Box 505 2-1121
Atlanta 3, Ga, 414 Palmer Bldg Walnut 3123
Aurora (Chicago area), Ill, 115 Calumet Ave 6-6430
Baltimore 18, Md, 2 E 22 St, P O Box 484 Belmont 2456
Bayport (N Y area), L I, N Y, McConnell Ave 8-2233
Billings, Mont, 2916½ 1 Ave N 9-2419
Birmingham 3, Ala, 3110 Clairmont Ave S, P O Box 1572 53-1543
Boston 16, Mass, 1122 Park Sq Bldg, 31 St James Ave Hancock 6-5640
Buffalo 2, N Y, 45 Allen St Lincoln 7999
Canton 3, Ohio, Accountants Bldg, 718 McKinley Ave NW 4-3705
Charleston (Clarksburg area), W Va, P O Box 627, 301-2 Day & Night Bldg, 710½ Lee St 6-1522

Chattanooga (Knoxville area), Tenn, Chattanooga Bank Bldg, P O Box 606 6-6085
Chicago 11, Ill, 341 E Ohio St Delaware 7-1901
Cincinnati 2, Ohio, 308 Building Industries Bldg, 626 Broadway Garfield 1465
Clarksburg, W Va, Lowndes Bldg, 117 S 3 St 3-1151
Cleveland 15, Ohio, 2036 E 22 St, Plymouth Bldg Tower 1-7251
Columbia (Greenville area), S C, P O Box 5347, 5600 Sylvan Dr 2-4230
Columbus 2, Ohio, 2901 N High St Jefferson 5475
Dallas 1, Tex, 1340 National City Bldg Riverside 4451
Davenport, Iowa, 613 Kahl Bldg 7-3297
Dayton 6, Ohio, Med Arts Bldg, 627 Salem Ave Taylor 9767
Denver 2, Col, 401 Patterson Bldg Alpine 2814
Des Moines 9, Iowa, 1026 Fleming Bldg 3-8514
Detroit 27, Mich, 15370 Schaeffer Hway Broadway 3-3500
Duluth (St Paul area) 2, Minn, 523 Lyceum Bldg 7-2151
Erie (Buffalo area), Pa, 142 E 35 St, P O Box 1062 0-9540
Flint 4, Mich, 213 Mary St 9-3141
Gainesville 4, Fla, P O Box 2386, Univ Sta, Lantana Ave, Hibiscus Park 7116
Grand Rapids (Flint area) 2, Mich, 230 Ottawa Ave N W 9-7288
Greensboro, N C, P O Box 3135, 429 W Gaston St 3-9424
Greenville, S C, P O Box 1675, 305 E McBee Ave 3-3042
Harrisburg, Pa, P O Box 1003, Brotherhood Bldg, 2107 N 6 St 4-1158
Houston 19, Tex, P O Box 8188, 2520 Huldy St Lynchburg 3851
Indianapolis 4, Ind, 635 N Penn St, Plaza Bldg Plaza 1409
Johnson City (Knoxville area), Tenn, P O Box 142, Dogwood Acres 3139-J
Kansas City 2, Mo, 300 Congress Bldg, 3527 Broadway Jefferson 8747
Knoxville 19, Tenn, P O Box 10002, 4312 Shawnee Lane 8-3557
Lansing (Flint area), Mich, 2005 Jerome St, P O Box 441 5-7616
Little Rock (Memphis area), Ark, 924 Commerce 82-1896
Los Angeles 11, Cal, 1978 S Los Angeles St Richmond 6316
Louisville 2, Ky, 326 Fincastle Bldg Amherst 2511
Memphis 3, Tenn, 212 Adams 8-1337
Miami (Gainesville area) 44, Fla, 1000 S W 59 Ave 67-5812
Milwaukee 3, Wis, 1821 W Wells St Division 2-9050
Missoula (Billings area) Mont, 119 Mount Ave 9-1220
Nashville (Louisville area), Tenn, P O Box 214, 1709 Hayes St 42-5492
New Orleans 12, La, Delta Bldg, 348 Baronne St Raymond 6274
N Y 17, 250 E 43 St Murray Hill 4-4628
Newark, N J, 439 Main St (E Orange, N J) Orange 2-7384
North Tarrytown (N Y area), N Y, 95 Beckman Ave Tarrytown 4-0493
Oklahoma City, Okla, 511½ N Hudson St Regent 9-2260
Omaha 2, Neb, 915 Redick Tower Jackson 3304
Peoria (Davenport area), Ill, 318 Miller Ave, Peoria Heights 5-1269
Phila 3, Pa, Broad St Sta Bldg, 1617 Pennsylvania Blvd Locust 4-4280
Phoenix, Ariz, P O Box 679, 1424 N 3 St 3-9658
Pittsburgh 22, Pa, Benedum-Trees Bldg, 223 4 Ave Grant 1-3638
Portland (Boston area) 4, Me, Thompson's Pt, P O Box 654 3-2067
Portland 14, Ore, 1123 S E Market St Fillmore 6697
Providence 3, R I, 923 Industrial Trust Bldg Union 1-5739
Richmond 20, Va, 2036 Monument Ave 5-2393
Roanoke (Richmond area) 12, Va, 2702 Cedarhurst Ave N W 3-7756
Rochester 4, N Y, 219 First Federal Savings Bldg, 328 Main St E Hamilton 8504
Saginaw (Flint area), Mich, 1927 N Bond St 2-8970
St Louis 4, Mo, 2335 S Grand Ave Sidney 3310
St Paul 4, Minn, 850 Cromwell Ave Nestor 6169
Salt Lake City 1, Utah, 326 Ness Bldg Dial 4-3208
San Antonio 5, Tex, 1819 Transit Tower Fannin 9581
San Francisco 1, Cal, P O Box 429, 1129 Folsom St Market 1-3580
Seattle 4, Wash, 968 Dexter Horton Bldg Seneca 7966
Sioux City (Des Moines area), Iowa, 418 Benson Bldg 5-4089
South Bend (Chicago area) 1, Ind, 219 Christman Bldg 4-4157
Spokane 8, Wash, P O Box 186, 915 W Mallon Broadway 1444
Syracuse 5, N Y, 1901 S Salina St 75-4167
Toledo 12, Ohio, 1164 Sylvania Ave Kingswood 8135
Trumbull, Conn, P O Box #1, Hedgehog Rd 8-2054
Washington 7, D C, 3121 South St N W EX 7487
West Hartford 7, Conn, 10 ½ Main St 33-2605
Wichita, Kan, 303 Pattie 7-5155
Wilkes-Barre, Pa, 33 Bennett Bldg 4-4691
Wilmington (Phila area) 1, Del, 1318 Market St 4-4001
Worcester (Boston area) 3, Mass, 22 Varnum St 4-8018

Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill Boulevard 8-2030

Traver Corp, 358-368 W Ontario St, Chicago 10, Ill Superior 7-2932
Cleveland 7, Ohio, 2176 Atkins Ave (Lakewood) Lakewood 1-5786
N Y, 122 E 42 St, Chanin Bldg Murray Hill 5-8020
Oakland 12, Cal, 610 16 St Templebar 2-1745
Phila 2, Pa, Finance Bldg Rittenhouse 6-7070
Pittsburgh 28, Pa, 253 Atlanta Dr Locust 1-1300

George W Travis & Co, Cliffside Park, Cornwall On Hudson, N Y Cornwall 3-5320

Traylor Engrg & Mfg Co, 10 & Mill Sts, Allentown, Pa Hemlock 4-5101
Chicago 2, Ill, 1 LaSalle St Bldg Franklin 2-8460
Los Angeles 13, Cal, 919 Chester Williams Bldg Michigan 5616
N Y 1, 3416 Empire State Bldg Pennsylvania 6-3050
San Francisco 5, Cal, 55 New Montgomery St Exbrook 2-1681

M H Treadwell Co, Inc, 140 Cedar St, N Y 6 Worth 4-3344
Chicago, Ill, 208 S LaSalle St
Easton, Pa (Treadwell Engrg Co)
Midland, Pa (Treadwell Construction Co)
Pittsburgh 22, Pa, 1217 Farmers Bank Bldg

Trent, Inc, 210 Leverington Ave, Phila 27, Pa Ivy Ridge 2-5000

Tri-Clover Mach Co, Kenosha, Wis 4-3551
Atlanta, Ga, 221 Lakeview N E Cherokee 7833
Chevy Chase, Md, 110 Oakland Rd Oliver 6325
Houston, Tex, 2603 Fernwood Rd Mohawk 1025
Los Angeles, Cal, 503 Kingsley Dr Olympic 8643
Wauwatosa, Wis, 9326 Wilson Blvd Bluemound 8-3531
West Hartford, Conn, 46 Lostbrook Rd 3-3805

Tri-Homo Corp, 50 Highland Ave, Salem, Mass 2025

Triangle Ink & Color Co, 329 E 29 St, N Y 16 Murray Hill 5-0988

Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill Tuxedo 9-0200
Los Angeles, Cal, 5723 9 Ave Axminster 1-4111
Newark 2, N J, 1212 Raymond Bldg Market 3-6450

Trinity Equipment Corp, 472 Westfield Ave E, Roselle Park, N J Chestnut 5-8400

Trio Chem Works, Inc, 341-347 Scholes St, Bklyn 6, N Y Hyacinth 7-3595

Trojan Powder Co, 17 N 7 St, Allentown, Pa Hemlock 4-5201
Los Angeles 14, Cal, 412 W 6 St Van Dyke 8865
Portland 4, Ore, 522 S W 5 Ave Atwater 9375
San Francisco 4, Cal, 620 Market St Garfield 1-3114

Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio OL 1-5900

Troy Engine & Mach Co, Parsons Bldg, Troy, Pa 32

Trubek Labs, State Hway #17, E Rutherford, N J Rutherford 2-7715

Tube Turns, Inc, 224 E Broadway, Louisville 1, Ky Wabash 7551
Atlanta, Ga, 22 Marietta St N W Walnut 7310
Chicago 5, Ill, 600 S Michigan Ave Harrison 7-8526
Denver, Col, Silver State Bldg Maine 3261
Houston 2, Tex, Commerce Bldg Charter 1668-9
Los Angeles 58, Cal, 2417 E 24 St Jefferson 8287
N Y 38, 150 Broadway Rector 2-7844
Pittsburgh 19, Pa, 3001 Grant Bldg Atlantic 1-8848
San Francisco 4, Cal, 2612 Russ Bldg Garfield 1-2594
Tulsa 3, Okla, 420 Wright Bldg 2-9193

Turco Products, Inc, 6135 S Central Ave, Los Angeles 1, Cal Adams 6111
Atlanta 3, Ga, 315 Mortgage Guarantee Bldg Cypress 8231
Chicago 1, Ill, 75 E Wacker Dr Franklin 2-5578
Houston 10, Tex, 1606 Henderson St Capitol 6141
Kansas City 10, Mo, 2110 Grand Ave Victor 4567
N Y 6, 21 West St Whitehall 4-9173
Phila 23, Pa, 95 Fairmount Ave Walnut 2-1867
San Francisco 7, Cal, 605 3 St Yukon 2-3366
Seattle 1, Wash, 3215 Western Ave Garfield 5991

Joseph Turner & Co, Ridgefield, N J Morsemere 6-8383
Chicago 11, Ill, 435 N Michigan Ave
Providence, R I, 83 Exchange St

Turner & Haws Engrg Co, Inc, 87 Gardner St, W Roxbury 32, Mass Parkway 7-8920

Tuteur Bio-Chem, Inc, 52 Wall St, N Y 5 Digby 4-6660

Twin City Shellac Co, Inc, 334-340 Flushing Ave, Bklyn 5, N Y Ulster 5-0505

Twin Disc Clutch Co, 1328 Racine St, Racine, Wis 4-1981
Cleveland 15, Ohio, 3030 Euclid Ave Express 1-0435
Dallas 1, Tex, 1511 Turtle Creek Blvd Riverside 3014
Detroit 26, Mich, 1141 National Bank Bldg Woodward 1-5469
Los Angeles 11, Cal, 2950 Leonis Blvd Logan 8-3309
Newark 5, N J, 15-17 Fenwick St Bigelow 3-0251
New Orleans 13, La, 826 Baronne St Tulane 2268
Seattle 9, Wash, 1214 Westlake Ave, N Alder 7400
Tulsa, Okla, 2 & Cheyenne Sts 4-1578

W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio Henderson 1-5400
Boston 16, Mass, Statler Bldg Hancock 6-0401
Chicago 2, Ill, 6 N Michigan Ave Central 6-7440
Dallas 1, Tex, Mercantile Bank Bldg Randolph 6720
N Y 17, 247 Park Ave Plaza 5-8720
Phila 7, Pa, Lincoln-Liberty Bldg Rittenhouse 6-6055
San Francisco 5, Cal, Matson Bldg Sutter 1-1460

U

George Uhe Co, Inc, 76 9 Ave, N Y 11 Watkins 9-0870

Ultra Chem Works Inc, 2 Wood St, Paterson, N J Sherwood 2-4910
Hawthorne, Cal, 12607 Cernise Ave
Joliet, Ill, 2 Jessie St

Ultrasonic Corp, 61 Rogers St, Cambridge, Mass KI 7-8300
Washington, D C, 1025 Connecticut Ave N W Republic 2577

Uncle Sam Chem Co, Inc, 573-577 W 131 St, N Y 27 Audubon 6-2510

Union Bag & Paper Corp, 233 Broadway, N Y 7 Cortlandt 7-5300
Atlanta 5, Ga, 805 Peachtree St N E
Baltimore 2, Md, 518 Munsey Bldg
Chicago 6, Ill, 1965 Daily News Bldg
Houston 4, Tex, 2502 Fannin St
Kansas City 6, Mo, 501 Riss Bldg
Minneapolis 6, Minn, 1419 Foshay Tower

Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal Madison 9-3261
Chicago, Ill, 105 W Adams St
Cincinnati 2, Ohio, 2111 Carew Tower
New Orleans, La, 917 National Bank of Commerce Bldg
N Y, 4904 RCA Bldg, 30 Rockefeller Plaza

Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass 3-2444
Baltimore, Md, 359 Guilford Ave
Milwaukee, Wis, 3033 W Pemberton Ave Hilltop 4-4460
New Rochelle, N Y, 310 North Ave 6-3888

Unit Crane & Shovel Corp, 6411 W Burnham St, Milwaukee, Wis Mitchell 5-8840
Chicago 43, Ill, 875 W 120 St
Detroit 27, Mich, 12770 Lyndon St

United Carbon Co, Inc, P O Box 1913, Charleston 27, W Va 2-1161
Akron, Ohio, 308 Akron Savings & Loan Bldg Franklin 4189
Boston, Mass, 43 Leon St Highlands 5-1664
Chicago, Ill, 1620 Field Bldg Central 6-1353
N Y, 2612 Empire State Bldg Pennsylvania 6-6338

United Chem & Organic Products Div, Wilson & Co, 4100 S Ashland Ave, Chicago 9, Ill Yards 7-4000

United Chromium Inc, 100 E 42 St, N Y 17 Murray Hill 6-5300
Carteret, N J, 1 Union St 1-5118
Chicago 4, Ill, 208 S LaSalle St Central 6-8810
Detroit 20, Mich, 1700 E 9 Mile Rd Jordan 4-5740
Los Angeles 13, Cal, 923 E 3 St Michigan 2841
Waterbury 20, Conn, P O Box 1590 3-1149

United Clay Mines Corp, 101 Oakland St, Trenton, N J 5-6285
E Liverpool, Ohio, 505 Maple St Main 148
Los Angeles 32, Cal, 5028 Alhambra Ave Capital 8853

United Engrs Inc, 824 E 6 St, Tulsa, Okla 5-1027

United Paste & Glue Co, 40-42 Renwick St, N Y 13 Algonquin 5-0114

United States Elec Motors, Inc, 200 E Slauson, Los Angeles 54, Cal Adams 3-3131
Atlanta, Ga, 204 Walker St S W Walnut 4019
Chicago, Ill, 1500 S Western Ave Canal 6-0707
Dallas, Tex, 6234 Peeler St Dixon 4854

United States Gauge Div, American Mach & Metals Inc, Clymer Ave, Sellersville, Pa 825
Boston 16, Mass, 80 Boylston St Liberty 2-5842
Buffalo 3, N Y, 737 Ellicott Sq Bldg Washington 4922
Chicago 5, Ill, 916 S Michigan Ave Harrison 7-0977
Cleveland 15, Ohio, 505 Swetland Bldg Tower 1-0612
Dayton 2, Ohio, 830 Gas & Electric Bldg, 25 N Main St Adams 5532
East Moline, Ill
Indianapolis, Ind, 806 Guaranty Bldg Riley 4408
Minneapolis 2, Minn, 517 Northwestern Bank Bldg Atlantic 3374
N Y 7, 233 Broadway Rector 2-3822
Phila, Pa, 2216 Lincoln-Liberty Bldg, Brd & Chestnut Sts Locust 7-2299

United States Gypsum Co, 300 W Adams St, Chicago 6, Ill State 2-6100
Chicago, Ill, 300 W Adams St (Industrial Div)

United States Hoffman Machy Corp, 105 4 Ave, N Y 3 Oregon 7-3600

UNITED STATES INDUSTRIAL CHEM CO DIV, National Distillers Corp, 120 Broadway, N Y 5 Worth 4-3000

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Atlanta, Ga, 735 Spring St N W Emerson 3716
Baltimore 3, Md, P O Box 326, Light & Baltimore Sts Mathieson Bldg, Lexington 0300
Boston 14, Mass, 131 Beverly St Capitol 7-8140
Buffalo 3, N Y, 14 Lafayette Sq Cleveland 6244
Chicago 5, Ill, 624 S Michigan Ave Wabash 2-1650
Cincinnati 4, Ohio, 621 Evans St, Wabash 0958
Cleveland 13, Ohio, Rockefeller Bldg Cherry 0075
Denver 4, Col, 120 W 13 Ave Cherry 5700
Detroit 16, Mich, 1448 Wabash Ave Woodward 1-4220
Kansas City 6, Mo, 903 McGee St, Pickwick Bldg Harrison 5243
Los Angeles 15, Cal, 714 W Olympic Blvd Prospect 7706
Louisville 1, Kv, P O Box 665, 900 Dumesnil St Magnolia 0391
Milwaukee 5, Wis, 818 W Winnebago St Marquette 8-2076
Minneapolis 14, Minn, 2429 University Ave S E Main 7311
New Orleans 12, La, 708-709 Maritime Bldg Canal 0521-2
N Y 18, 33 W 42 St Murray Hill 2-6700
Phila 9, Pa, 123 S Broad St Pennypacker 5-5542
Pittsburgh 22, Pa, 400 Liberty Ave Atlantic 1-2777
St Louis 3, Mo, 1600 Clark Ave Garfield 1050
San Francisco 3, Cal, 170 Division St Underhill 1-0770

United States Phosphoric Products Div, Tennessee Corp, P O Box 3269, Tampa 1, Fla 4-3161

United States Potash Co, 30 Rockefeller Plaza, N Y 20 CO 5-5813

United States Rubber Co, 1230 Ave of the Americas, N Y 20 Circle 7-5000
Atlanta, Ga, 999 Lee St S W
Baltimore 1, Md, 429 S Charles St
Boston 6, Mass, 560 Atlantic Ave
Buffalo 3, N Y, 133 E Swan St
Chicago 54, Ill, Merchandise Mart Bldg
Cincinnati 2, Ohio, 1101 Central Pkwy
Cleveland 3, Ohio, 7208 Euclid Ave
Dallas 9, Tex, 6125 Peeler St
Denver 17, Col, 1513 Wazee St
Detroit 16, Mich, 2121 W Fort St
Houston 3, Tex, 2602 Commerce St
Los Angeles 14, Cal, 784 S San Pedro St
Milwaukee 3, Wis, 161 W Wisconsin Ave
Minneapolis 1, Minn, 400 2 Ave N
New Orleans 15, La, 900 S Jefferson Davis Pkwy
N Y 13, 191 Hudson St
N Y 17, 161 E 42 St (International Div)
North Kansas City 16, Mo, 16 & Swift Ave
Odessa, Tex, 912 N Grant Ave
Omaha 3, Neb, 4469 Farnam St
Phila 6, Pa, 5 & Locust Sts
Pittsburgh 12, Pa, 101 Sandusky St
Portland 9, Ore, 630 N W 10 Ave
St Louis 2, Mo, 305 S Broadway
Salt Lake City 1, Utah, 160 Motor Ave
San Francisco 24, Cal, 6025 3 St
Tulsa 4, Okla, 1132 S Lewis Ave

United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo Victor 8500
Atlanta, Ga, 333 Candler Bldg Alpine 9463
Baltimore, Md, 501 Mathieson Bldg Mulberry 8499
Birmingham, Ala, 1727 6 Ave N 3-5472
Boston, Mass, 751 Little Bldg Liberty 2-7171
Buffalo, N Y, 1006 Prudential Bldg Mohawk 6188
Chicago, Ill, 175 W Jackson Blvd Harrison 7-2772
Cincinnati, Ohio, 307 E 4 St Cherry 6981
Cleveland, Ohio, 14812 Detroit Ave Boulevard 2-7200
Columbus, Ohio, Hartman Theater Bldg Main 8288
Dallas, Tex, 309 Browder Sterling 2931
Denver, Col, 1630 17 St Acoma 1795
Detroit, Mich, 15831 Jas Couzens, Hway University 4-7525
Hartford, Conn, 119 Ann St 5-6265
Houston, Tex, 3822 Almeda Jackson 3335
Indianapolis 8, Ind, 54 W 30 St Winthrop 0990
Los Angeles, Cal, 4508 Crenshaw Blvd Axminster 1-7227
Milwaukee, Wis, 426 Empire Bldg Broadway 2-3232
Minneapolis, Minn, 225 S 5 St Main 7064
N Y 10, 160 5 Ave Oregon 5-5320
Oakland, Cal, 5814 College Ave Piedmont 5-6320
Phila, Pa, 1123 Western Saving Fund Bldg Pennypacker 5-0139
Pittsburgh, Pa, 101 Investment Bldg Grant 1-7271
Portland, Ore, 412 Scott Bldg Atwater 2927
St Louis, Mo, 324 Paul Brown Bldg Chestnut 0995
Seattle, Wash, 422 Smith Tower Bldg Seneca 1678
Tulsa, Okla, 319 Castle Bldg 4-7103
Washington, D C, 1424 K St N W National 8-4391

United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill Nevada 2-1222
Dallas, Tex, 102 Express 1936
N Y, 59 E 12 St Algonquin 4-4243

United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa Express 1-2345
Chicago 90, Ill, 208 S LaSalle St Central 6-9200
Cleveland 13, Ohio, Terminal Tower Superior 1-5431
Fairfield, Ala, P O Box 599 6-8011
N Y 6, 71 Broadway Digby 4-9000
San Francisco, Cal, 25 Beale St Sutter 1-2500

United States Steel Products Div, United States Steel Co, 30 Rockefeller Plaza, N Y 20, N Y Circle 7-3184
Alameda, Cal, 1849 Oak St Lakehurst 2-5511
Chicago, Ill, 14600 Princeton Ave Interocean 8-9610
New Orleans, La, P O Box 4026, Sta F Temple 2851
Port Arthur, Tex, P O Box 1440 2-9455
Sharon, Pa, P O Box 539 8-6841

United States Steel Supply Div, United States Steel Co, 208 S LaSalle St, Chicago 4, Ill Central 6-9200
Baltimore, Md
Boston, Mass
Cleveland, Ohio
Indianapolis 4, Ind, 501 Chamber of Commerce Bldg Lincoln 3405
Kansas City, Mo, 2208 Power & Light Bldg Victor 4110
Los Angeles, Cal
Milwaukee, Wis
Moline, Ill
Moline, Ill
Newark, N J
Phila 1, Pa, 1617 Pennsylvania Blvd, Box 7528 Rittenhouse 6-1400
Phoenix, Ariz, 703 N 15 Ave 2-1493
Pittsburgh, Pa
Portland, Ore
St Louis, Mo
San Francisco, Cal
Seattle, Wash
South Bend 1, Ind, 436 N Michigan St 3-8203
Toledo 4, Ohio, 2109 Ohio Bldg Main 2168
Tulsa 3, Okla, 1007 Petroleum Bldg 4-4997
Twin City (St Paul), Minn
Youngstown, Ohio, 603 Central Tower Riverside 3-5139

United States Stoneware Co, 60 E 42 St, N Y 17 Murray Hill 2-6577
Akron, Ohio, P O Box 350 Meadowbrook 3224
Chicago, Ill, 20 N Wacker Dr

United States Testing Co, Inc, 1415 Park Ave, Hoboken, N J 3-3166
Boston, Mass, 791 Tremont St Kenmore 6-4455
Boston 16, Mass, 857 Boylston St Commonwealth 6-2200
Chicago, Ill, 325 W Huron St Superior 7-3870
Dallas, Tex, 1700 Cotton Exchange Bldg Prospect 2654
Denver 16, Col, 4639 Lafayette St Alpine 6161
Los Angeles, Cal, 1723 S Maple Ave Richmond 7-9264
Memphis, Tenn, 198 S Main St 38-1246
N Y, 330 W 42 St Chickering 4-8130
Phila, Pa, 601 W Susquehanna Ave Fremont 7-3600
Providence, R I, 211-213 W Exchange St Gaspee 1-2753

United States Varnish Co, 652 Franklin Ave, Hasbrouck Heights, N J 8-0373

United Sterling Corp, 350 5 Ave, N Y 1 Longacre 5-3774

United Wallpaper Inc, Color Div, Merchandise Mart Plaza, Chicago, Ill Delaware 7-7900

Universal Detergents, Inc, 1825 E Spring St, Long Beach 6, Cal 409924

Universal Mfg Co, Inc, P O Box 2427, Houston 1, Tex Lynchburg 3105

Universal Metal Hose Co, 2133-35 S Kedzie Ave, Chicago 23, Ill Bishop 7-1100

Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

Universal Rd Machy Co, Kingston, N Y 248
N Y 6, 117 Liberty St (R M Gay Div) Barclay 7-3039

Utility Chem Co, 145 Peel St, Paterson 4, N J Lambert 3-0129

Utility Color Co, Inc, 377 Frelinghuysen Ave, Newark, N J BI 8-2757

V

L R van Allen Co, P O Box 3610, Merchandise Mart Sta, Chicago 54, Ill Superior 7-8197

van Ameringen-Haebler Inc, 521 W 57 St, N Y 19 Circle 6-2700
Chicago, Ill, 211 W Wacker Dr Randolph 6-6468

Van Dyk & Co, Inc, Main & William Sts, Belleville 9, N J 2-3225

R T Vanderbilt Co, Inc, 230 Park Ave, N Y Murray Hill 6-6864

Vanton Pump Corp, 350 5 Ave, N Y Wisconsin 7-9812

Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal Nevada 6-1211
N Y 7, 30 Church St Worth 2-2081

Varcum Chem Corp, P O Box 476, Niagara Falls, N Y 2-2357

Varlacoid Chem Co, 116 Broad St, N Y 4 Whitehall 4-0348

Varnlton Co, 416 N Varney St, Burbank, Cal CH 6-7040

Vaughn Chem Co, 1102 E 3 St, Tulsa 3, Okla 2-8211

Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill Delaware 7-7383
Berkeley, Cal, 2082 Center St Thornwall 3-5652
Detroit 24, Mich, 15324 Mack Ave Tuxedo 1-6770
N Y 17, 100 E 42 St Oregon 9-1456

E J Verde & Co, 335 Produce Exchange, N Y 4 Bowling Green 9-5270

Verona Chem Co, 26 Verona Ave, Newark 4, N J Humboldt 3-3200
Chicago, Ill, 207 N Wells St Randolph 6-5047

Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill HA 7-3541
Kansas City 6, Mo, 914 Board of Trade Bldg HA 2051
Nashville 3, Tenn, 900 Sudekum Bldg 6-3737
N Y 17, 220 E 42 St Murray Hill 2-8360
South Gate, Cal, 4570 Ardine St (A R Maas Chem Co Div) Kimball 2214

Victorville Lime Rock Co, Box 548, Victorville, Cal 5-4871

Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa 770
Atlanta, Ga, 1214 Spring St N W
Chicago, Ill, 549 W Washington Blvd State 2-6818
Cleveland, Ohio, 310 Marshall Bldg Cherry 1-0687
Dallas, Tex, 2175 W Commerce St Randolph 0638
Indianapolis, Ind, 1907 Main St
Kansas City, Mo, 1827 Grand Ave Harrison 8033
Los Angeles, Cal, 4432 Long Beach Ave Adams 1-8611
Milwaukee, Wis, 610 W Michigan St Daly 8-0807
N Y, 634 W 44 St Longacre 3-3816

Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis Sheridan 4-0111
Chicago, Ill, 230 W Superior St Whitehall 4-5282
Cincinnati, Ohio, 6 E 4 St Main 6827
Minneapolis, Minn, 1202 Foshay Tower Geneva 3371
N Y 17, 110 E 42 St Murray Hill 4-2783
Omaha, Neb, 1504 Dodge St Atlantic 6467

Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va 2-0113
Atlanta 1, Ga, P O Box 1746, 605 Healey Bldg Walnut 1016
Baltimore 2, Md, 406 National Marine Bank Bldg Lexington 1950
Birmingham 1, Ala, P O Box 1752 9-2181
Carteret, N J 8-5191
Cincinnati 17, Ohio, Murray Rd, St Bernard Sta Avon 1935
Columbia H, S C, P O Box 1258, Liberty Life Bldg 2-4387
Dubuque, Iowa, P O Box 330 1274
East St Louis, Ill, P O Box 191 Bridge 3720
Greensboro, N C, P O Box 479, 728 Jefferson Standard Bldg 2-4161
Jackson 18, Miss, Box 4208, Fondren Sta 2-5071
Memphis 12, Tenn, P O Box 5007 4-6216
Montgomery 1, Ala, P O Box 120, Jackson Ferry Rd, N Montgomery 2-2742
Norfolk 1, Va, P O Box 1180, 525 Western Union Bldg 2-4770
Orlando, Fla, 423 S Orange Ave, P O Box 2311 5174
Savannah, Ga, P O Box 738, 1260 Lathrope Ave 3-7778
Shreveport, La, P O Box 3218, Queensboro Sta 6274
Wilmington, N C, P O Box 1489, 809 Murchison Bldg 7717

Virginia Smelting Co, Jefferson & 3 St, W Norfolk, Va (Portsmouth, Va) 7-3441
Boston 4, Mass, 131 State St Hubbard 2-5635
Chicago 5, Ill, 1545 S State St Webster 9-0972
Detroit 16, Mich, 1627 W Fort St Woodward 2-3540
N Y 16, 270 Madison Ave Oregon 9-1131

Vitamins Inc, 809 W 58 St, Chicago 21, Ill Englewood 4-6000

Vita-Zyme Labs Inc, 546 W Washington Blvd, Chicago 6, Ill Franklin 2-2291

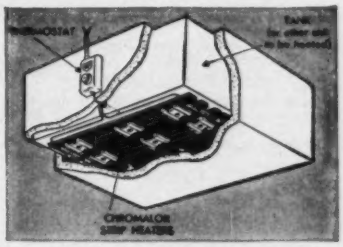
CHROMALOX offers you efficient and economical *Packaged Electric Heat*—to fit your specific needs

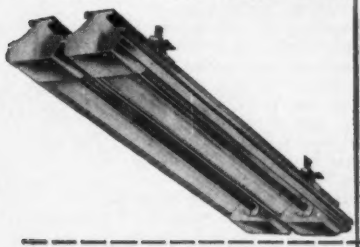
CHROMALOX Electric Heaters give dependable "on-the-spot" heat where and when heat is needed. They produce uniform and accurate temperatures with automatic or manual control. *Low initial cost, low installation cost and low operating costs are among the other advantages they give you.*



CHROMALOX STRIP HEATERS

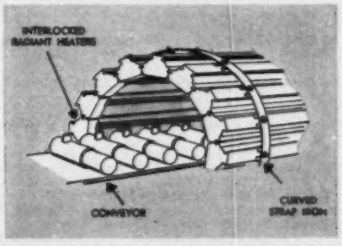
Easy-to-install CHROMALOX Strip Heaters are clamped to flat or curved surfaces, round vats, pipes and tubes. They are made in straight lengths, rings and segments . . . and may be curved or bent to fit cylindrical or "dished" surfaces. Typical applications include: armatures, cleaning tanks, molds, process kettles, plating baths, revolving rolls, etc.

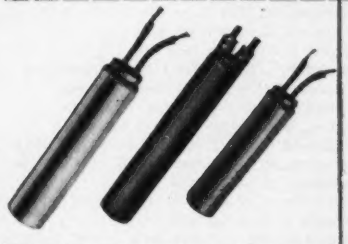




CHROMALOX RADIANT HEATERS

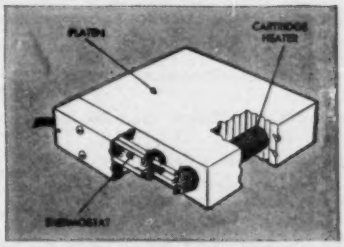
CHROMALOX Radiant Heaters let you dial the precise temperatures needed for baking, drying, curing, dehydrating and similar uses. They give glareless *far*-infrared heat that is absorbed efficiently by all colors, textures and surfaces. All-metal construction withstands shock, vibration, rough handling. Units are compact; easy to install in present equipment or assemble into tunnels, banks, etc.

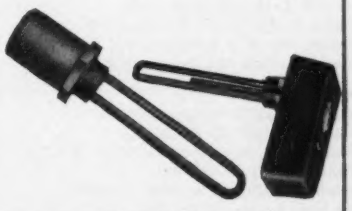




CHROMALOX CARTRIDGE HEATERS

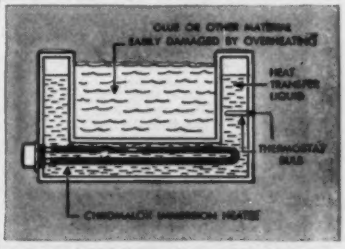
Compact CHROMALOX Cartridge Heaters are ideal for use when concentrated heat is needed. Inserted into close-fitting holes, they provide easily controlled heat for dies, molds, platens, etc. They are quickly and easily installed in stationary or moving parts with minimum labor and material costs; they may be controlled for accurate, dependable, care-free operation.





CHROMALOX IMMERSION HEATERS

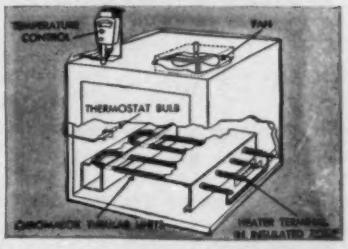
CHROMALOX Immersion Heaters are used in degreasing, cleaning, pickling and plating baths; for melting greases, asphalts and similar viscous fluids; for heating Dowtherm, Arochlor, Prestone, and other heat-transfer mediums. Available in many sizes and types, with alloy sheaths to resist corrosive action.





CHROMALOX TUBULAR HEATERS

These heaters, in straight or tailored shapes are used for convection, conduction and radiant heating. They may be clamped to metal surfaces, used in ovens, or immersed in greases. They are especially useful to heat ovens, calenders, molding-presses and similar equipment utilizing heat.



CHROMALOX NATION-WIDE ENGINEERING SERVICE AVAILABLE



Technical know-how for solving thousands of heating problems is available to you without obligation. Chromalox Application Engineers, located in principal cities, will work with you in adapting electric heat to your product or process. Write for name of Chromalox Engineer nearest you.

EDWIN L. WIEGAND COMPANY

7648 Thomas Boulevard • Pittsburgh 8, Pa.

Designers and Manufacturers of Electric Heating Units Exclusively Since 1917

More than 15,000 Types, Sizes & Ratings—Most Available From Stock

WRITE FOR CATALOG 50

Chromalox facilities and products designed to meet your needs are fully described.



SD-42A

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Charleston, W Va, P O Box 1522
Chicago 3, Ill, 2023 Harris Trust Bldg Franklin 2-3273
Cleveland 14, Ohio, 1013 Williamson Bldg Prospect 3033
Dallas 1, Tex, 1824 M & W Tower Central 1438
N Y 4, 3110 Maratime Exchange Bldg Bowling Green 9-3668
Phila 2, Pa, 1338 Commercial Trust Bldg Rittenhouse 6-1120
St Louis 1, Mo, 915 Olive St Central 0437

Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa 2-2161
N Y, 50 Church St Cortlandt 7-1119

Vulcan Mfg Div, Vulcan Copper & Supply Co, 120 Sycamore St, Cincinnati 2, Ohio Dunbar 1400
N Y 17, 161 E 42 St MU 2-3392

Vulcan Rubber Products Inc, 58 St & 1 Ave, Bklyn 20, N Y GE 9-8000

Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill Mansfield 6-7660

W

Waage Electric, Inc, Kenilworth 2, N J Chestnut 5-9363

Charles A Wagner Co, Inc, 813 Callowhill St, Phila 23, Pa Market 7-2670

Wakefield Industries, Inc, 5108 W Grove St, Skokie, Ill 7805

Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill 4651

Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich Twinbrook 3-3800
Buffalo 19, N Y, 21 Seneca St (Blasdell) Triangle 8900
Chicago 51, Ill, 4806 W Chicago Ave Mansfield 6-0519
Houston 1, Tex, 5815 Clinton Dr Yukon 5467
L I C 1, N Y, 43-63 11 St Stillwell 6-6789
Los Angeles 22, Cal, 4729 E Olympic Blvd Angeles 2-5075

Wallace & Tiernan Co, Inc, Box 178, Newark, N J Humboldt 3-6000

Wallace & Tiernan Products, Inc, 1 Main St, Belleville 9, N J Humbolt 3-6000

Wallach-Gracer Export Corp, 55 W 42 St, N Y 36 LO 4-5490

Wallerstein Co, Inc, 180 Madison Ave, N Y 16 Lexington 2-8730

Walworth Co, 60 E 42 St, N Y 17 Murray Hill 2-7060
Atlanta 12, Ga, 675 W Whitehall St S W
Boston 4, Mass, 430 Summer St
Boston 27, Mass, 800 1 St
Camden, N J, 300 Broadway
Chicago 5, Ill, 59 E Van Buren St
Cleveland 14, Ohio, Fidelity Bldg
Dallas 1, Tex, Mercantile Bank Bldg
Detroit 2, Mich, Stephenson Bldg
E St Louis, Ill, 2133 Bond Ave
Greensburg, Pa, Huff Ave, S Greensburg
Harrison, N J, 400 S 2 St
Houston 2, Tex, Neils-Esperson Bldg
Kewanee, Ill
Los Angeles 22, Cal, 2655 S Eastland Ave
N Y 17, 60 E 42 St (Walworth International Co)
Pittsburgh 19, Pa, Frick Bldg
St Louis 1, Mo, 317 N 11 St
San Francisco 4, Cal, 155 Montgomery St
Seattle 4, Wash, 107 Cherry St
Tulsa 3, Okla, Oklahoma Bldg
Washington 6, D C, 810 18 St N W

Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla 9-6387
Washington, D C, 1124 Du Pont Circle Bldg Hobart 9018

Warren Steam Pump Co, Inc, 215 Bridges Ave, Warren, Mass 600
Belmont Center 78, Mass, 6 Leonard St Belmont 5-6143

Warwick Chem Co Div, Sun Chem Corp, 1010 44 Ave, L I C 1, N Y Stillwell 6-1100
Rock Hill, S C 2643
Wood River Junction, R I (Carolina, R I) 126

Wasco Engrg Corp, 601 W 26 St, N Y 1 Watkins 4-5083

Washine-National-Sands, Inc, 37-02 Northern Blvd, L I C 1, N Y Stillwell 4-0500
Lodi, N J, 165 Main St Prescott 7-4141

Washington Steel Corp, P O Box 494, Washington, Pa Washington 5900

Water Cooling Equipment Co, 8601 New Hampshire Ave, Affton Sta 23, Mo Lockhart 3600
Arcata, Cal, 9 & L St 209J
Houston, Tex, 714 Rosine Justin 2365

Waterous Co, 80 E Fillmore Ave, St Paul 1, Minn Garfield 1377

Watertown Mfg Co, 127 Echo Lake Rd, Watertown, Conn 2-2523
Cleveland, Ohio, 866 Hanna Bldg Cherry 1-0492

Watson-Park Co, Box 158, Ballard Vale, Mass Andover 1222

Waukesha Foundry Co, Waukesha, Wis 6656
Bloomfield, N J, 657 Bloomfield Ave 2-1014

Wax Corp of America, 21 Dunham Pl, Bklyn 11, N Y Evergreen 8-6455

Wax & Rosin Products, 42 Broadway, N Y 4 Whitehall 4-7365

Robert I Webber Co, 52 Vanderbilt Ave, N Y 17 Murray Hill 6-4030

Webster Mfg, Inc, 1175 W Hall St, Tiffin, Ohio 244
Chicago 4, Ill, 343 S Dearborn St Wabash 2-9770
Cincinnati 37, Ohio, Roselawn Center Bldg Melrose 2311
Cleveland 3, Ohio, 6007 Euclid Ave Utah 1-1767
N Y 6, 90 West St Barclay 7-3142
Upper Darby, Pa, 205 Long Lane Granite 6-1333

Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y 7-0078

O J Weeks Co, Inc, 44 N Moore St, N Y 13 Barclay 7-2091

Welch, Holme & Clark Co, Inc, 439 West St, N Y 14 Chelsea 3-6048

W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill Michigan 2-2000

Welding Fittings Corp, Box 860, New Castle, Pa 7390
Chicago 3, Ill, 122 S Michigan Ave Webster 9-2794
N Y, 233 Broadway Worth 2-6669

Wellington Sears Co, 65 Worth St, N Y 13 Walker 5-8080
Atlanta, Ga, Trust Co of Georgia Bldg Walnut 2032
Boston, Mass, 99 Chauncy St Liberty 2-6378
Chicago 6, Ill, 222 W Adams St Central 6-6865
Detroit 26, Mich, 2070 Penobscot Bldg Randolph 5500
Los Angeles 14, Cal, 111 W 7 Bldg Trinity 6302
New Orleans 12, La, 228 St Charles St Raymond 4730
Phila 7, Pa, 1015 Chestnut St Lombard 3-5347
St Louis 3, Mo, 400 Locust Bldg Chestnut 2730
San Francisco 5, Cal, 605 Market St Exbrook 2-6528

Welsbach Corp, Ozone Processes Div, 1500 Walnut St, Phila 2, Pa Kingsley 5-4020

West Bend Equipment Corp, P O Box 246-D, W Bend, Wis 29

West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17 Murray Hill 6-8400
Chicago 1, Ill, 35 E Wacker Dr Franklin 2-7620
Cleveland, Ohio, 2775 E 132 St at Shaker Sq Skyline 1-1212
Phila, Pa, Lincoln Liberty Bldg, Broad & Chestnut Sts Rittenhouse 6-8194

Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal Angelus 2-2191
Phoenix, Ariz, 625 S 5 St (Western Chem Co) 2-6586

Western Dry Color Co, 600 W 52 St, Chicago 9, Ill Boulevard 8-3135

Western Lime & Cement Co, 125 E Wells St, Milwaukee 1, Wis Marquette 8-1272

Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal TR 4771
Atlanta 5, Ga, 1429 Peachtree St N E Elgin 8276
Chicago 2, Ill, 1 N LaSalle St Andover 3-4433
N Y 17, Chrysler Bldg Murray Hill 6-0322
San Francisco 4, Cal, Hobart Bldg Exbrook 2-0354

Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio 4-4758
N Y, 350 Madison Ave Murray Hill 2-4157

Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa Atlantic 1-8400
Akron 8, Ohio, 106 S Main St
Albany 4, N Y, 454 N Pearl St
Albuquerque, N M, 1115½ E Central Ave
Allentown, Pa, 739 Hamilton St
Amarillo, Tex, 503 Amarillo Bldg
Appleton, Wis, 321 W College Ave, P O Box 206
Atlanta 2, Ga, 1299 Northside Dr N W, P O Box 4808
Augusta, Me, 9 Bowman St
Bakersfield, Cal, 2224 San Emidio St
Baltimore 2, Md, 501 St Paul St
Beaumont, Tex, 515 American National Bank Bldg
Binghamton 62, N Y, 86 Court St
Birmingham 3, Ala, 1407 Comer Bldg
Bluefield, W Va, 704 Bland St, P O Box 848
Boston 10, Mass, 10 High St
Bridgeport 8, Conn, 540 Grant St
Buffalo 3, N Y, 814 Ellicott Bldg
Butte, Mont, 1 E Broadway
Canton 2, Ohio, 120 W Tuscarawas St
Cedar Rapids, Iowa, 512 Dows Bldg, 210 2 St S E, P O Box 1828
Charleston, S C, 6 Parish Rd, Moreland, P O Box 303
Charleston 1, W Va, 179 Summer St, P O Box 911
Charlotte 1, N C, 210 E 6 St, P O Box 1399
Chattanooga 2, Tenn, Volunteer State Life Bldg, Georgia Ave & E 9 St
Chicago 54, Ill, Merchandise Mart Plaza (Parcel Post)
Chicago 90, Ill, P O Box B (First Class Mail)
Cleveland 2, Ohio, 207 W 3 St
Cleveland 13, Ohio, 1370 Ontario St
Columbus 16, Ohio, 262 N 4 St
Corpus Christi, Tex, 205 N Chaparral St, 334 Kaffie Bldg
Dallas 1, Tex, 209 Browder St
Davenport, Iowa, 2212 E 12 St, P O Box 29
Dayton 2, Ohio, 32 N Main St
Denver 2, Col, 910 15 St
Des Moines 8, Iowa, 1400 Walnut St
Detroit 31, Mich, 5757 Trumbull Ave, P O Box 828
Duluth 2, Minn, 108 Bradley Bldg, 10 E Superior St
El Paso, Tex, 718 Mills Bldg
Emeryville 8, Cal, 5815 Peladeau St
Erie, Pa, 1003 State St
Evansville 8, Ind, 106 Vine St
Fairmont, W Va, 10 & Beltline Sts, P O Box 1147
Fergus Falls, Minn, 101½ W Lincoln St
Fort Wayne 2, Ind, 610 S Harrison St
Fort Worth 2, Tex, 1310 Electric Bldg, 408 W 7 St
Fresno 1, Cal, 2608 California Ave
Gary, Ind, 846 Broadway
Grand Rapids 2, Mich, 148 Monroe Ave N W
Greensboro, N C, 1008 Pamlico Dr, P O Box 3072
Greenville, S C, 160 W Tallulah Dr, P O Box 1591
Hammond, Ind, 235 Locust St
Hartford 3, Conn, 119 Ann St
Houston 2, Tex, 1314 Texas Ave
Huntington 1, W Va, 1029 7 Ave, P O Box 1150
Indianapolis 9, Ind, 137 S Pennsylvania Ave
Jackson, Mich, 120 W Michigan Ave
Jackson, Miss, Fondren Sta, P O Box 4296
Jacksonville 3, Fla, 37 S Hogan St, P O Drawer K
Jamestown, N Y, 300 Wellman Bldg, 101 W 3 St
Johnstown, Pa, 107 Station St
Kansas City 6, Mo, 101 W 11 St
Knoxville 8, Tenn, Gay & Clinch Sts
Little Rock, Ark, 707 Boyle Bldg, 103 W Capitol St
Los Angeles 17, Cal, 600 St Paul Ave
Louisville 2, Ky, 332 W Broadway
Madison 3, Wis, 1022 E Washington Ave
Medford, Ore, 38 N Bartlett St, P O Box 1308
Memphis 3, Tenn, 825 Exchange Bldg, 130 Madison Ave
Miami 4, Fla, 11 N E 6 St
Middlesboro, Ky, 2019 Cumberland Ave
Milwaukee 2, Wis, 538 N Broadway
Minneapolis 13, Minn, 2303 Kennedy St N E
Mobile, Ala, 171 Emogene Pl
Nashville 4, Tenn, 401 6 Ave at Shirley St
New Haven 8, Conn, 42 Church St
New Orleans 13, La, 238 S Saratoga St
N Y 5, 40 Wall St
Newark 2, N J, 1180 Raymond Blvd
Niagara Falls, N Y, 253 2 St
Norfolk 10, Va, 915 W 21 St
Oklahoma City 2, Okla, 120 N Robinson St
Omaha 2, Neb, 117 N 13 St
Peoria 3, Ill, 2800 N Adams St
Phila 4, Pa, 3001 Walnut St
Phoenix, Ariz, 11 W Jefferson St
Pittsburgh 30, Pa, 306 4 Ave, Box 1017
Portland 4, Ore, 309 S W 6 Ave
Providence 3, R I, 16 Elbow St
Raleigh, N C, 803 N Person St, P O Box 2146
Reading, Pa, 4 & Elm Sts
Richmond 19, Va, 1110 E Main St
Roanoke 4, Va, Kirk Ave & 1 St, P O Box 599
Rochester 7, N Y, 1048 University Ave
Rockford, Ill, 323 S Main St
Rutland, Vt, 98 Merchants Row
Sacramento 14, Cal, 1720 14 St
Saginaw, Mich, 609 Peoples Bldg & Loan
St Louis 1, Mo, 411 N 7 St
Salt Lake City 1, Utah, 235 W S Temple St
San Antonio 5, Tex, 115 W Travis St

U. S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers Products Corporation

120 Broadway, New York 5, N. Y.

You can rely on U.S.I. for products of uniformly high quality — alcohols . . . chemicals . . . solvents . . . intermediates . . . resins . . . insecticide ingredients . . . and feed supplements. The raw materials that go into U.S.I. products are selected with the utmost care, and U.S.I.'s modern research and production facilities are equipped with all the special control devices needed to insure quality that doesn't vary.

Complete technical information on any of the U.S.I. products described here is available in the form of booklets and data sheets and in U.S.I.'s three catalogs—"Chemicals," "Resins," and "Alcohols." Write for your copy.

PRODUCT AND CHEMICAL FORMULA	Distillation Range Limits in deg. C.	Flash Point (open cup) in deg. F.	Evaporation Rate Minutes	Acidity: Free acid, not more than—	Specific Gravity 20°/20°C.	APPLICATIONS	CONTAINERS
ALCOHOLS							
Amyl Alcohol (Isoamyl Alcohol) Refined and A.C.S. $C_5H_{11}OH$	128–32	127	....	.91% as acetic	0.811–0.815	A medium-boiling solvent, used mainly in manufacture of fine chemicals and pharmaceuticals.	8,000-gal. tank cars, 30,000-lb. drum cars. 3x2,000-gal. compartment tank cars, 55- and 5-gal. drums, 1-gal. cans.
Butanol (Normal Butyl Alcohol) (C_4H_9OH	115–118	115	67	.005% as acetic	0.810–0.813	A strong solvent for many organic materials. Slow evaporation rate makes it particularly important as latent solvent for nitrocellulose and resins. Chemical synthesis.	Same as amyl alcohol
Fusel Oil Refined	110–135	123	103.5	.01% as acetic	0.811–0.815	A solvent for many resins. Widely used in solvent combinations to retard drying and prevent blushing. Source of isoamyl alcohol for synthesis.	Same as amyl alcohol plus quart cans and pint cans.
Ethanol (Ethyl Alcohol) C_2H_5OH	Ethyl Alcohol—U.S.P.—190 Proof and Absolute 200 Proof All regular and anhydrous formulas of specially and completely denatured alcohol						
***Solox** (Proprietary alcohol-type solvent: Regular, 190 proof. Anhydrous, 200 proof)	....	71	....	.02 gm. per 100 cc. as acetic	0.816† (Reg.) 0.796† (Anhy.)	Shellac solvent and general solvent, fuel oil conditioner, cleanser, cleaning compounds, lacquers, paint removers, polishes, etc. In spirit varnishes and in purification, extraction and crystallization processes.	Same as amyl alcohol
Propyl Alcohol	2°C. incl. 97.2°C.	85	....	0.1% as acetic	.804–.809	A strong solvent for many organic materials. Latent solvent for nitrocellulose and resins. Chemical synthesis.	Same as amyl alcohol
SOLVENTS							
***Ansol M** (Blend of Ethanol, esters and hydrocarbons)	70–90	52	14.5	.01% as acetic	0.796–0.800	Anhydrous solvent for many resins not soluble in ethanol alone, solvent for SS nitrocellulose. Used as lacquer solvent and thinner in dopes, plastic cements, celluloid, cleaners, paper, lacquer, thinners, linoleum, varnish, etc.	Same as amyl alcohol except 36,000-lb. drum cars.
***Ansol PR** (Blend of anhydrous denatured ethanol, esters, and hydrocarbons)	70–90	54	9	.01% as acetic	0.841–0.845	Anhydrous solvent comparing favorably with ethyl acetate in solvent power, evaporation rate, boiling point and odor. Used as lacquer solvent and thinner in dopes, celluloid, paper, cleaners, decalcomanias, linoleum, cement, paint removers, varnishes.	Same as amyl alcohol except 36,000-lb. drum cars.
Amyl Acetate Commercial and High Test $CH_3COOC_5H_{11}$ 85–88%	110–150	93	47.5	.01% as acetic	0.857–0.865	Medium evaporation solvent somewhat slower than butyl acetate. Used as moisture and cotton anti-blush agent for nitrocellulose lacquers. Also in flavoring extracts, and in the isolation and purification of penicillin.	Same as amyl alcohol
Butyl Acetate Normal $CH_3COOC_4H_9$	115–135	100	34.75	.01% as acetic	0.874–0.878	Most widely used medium-evaporating nitrocellulose solvent. Used in airplane dopes, artificial pearl, celluloid, cements, coated paper, lacquers, plastic wood, thinners, leather finishes, linoleum, textile sizing, etc.	Same as amyl alcohol
Ethyl Acetate $CH_3COOC_2H_5$ Commercial, 85–88% (95–98% and 99% also available)	70–80	42	11.25	.01% as acetic	0.882–0.886	Excellent solvent for cellulose esters, resins, etc. Also used in acetic acid extraction, candy glaze, cleaners, den. alcohols, flavorings, perfumes, rayon, pharmaceuticals, smokeless powder, paint removers, spirit varnishes, etc.	Same as amyl alcohol
Ethyl Ether, U.S.P. $(C_2H_5)_2O$ (Also absolute A.C.S. Grade)	.....	Below 0°	....	=0.4 cc. 0.02N NaOH per 100 cc.	.713–.716	Widely used in manufacture of smokeless powder and in extracting fats. An essential laboratory reagent. Chemical synthesis.	48,000-lb. tank cars, 30,000-lb. drum cars, 55- and 5-gal. steel drums.

* Registered Trade Mark.
† 60°/60°F.

Continued on Next Page

U. S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers Products Corporation

PRODUCT AND CHEMICAL FORMULA	Distillation Range Limits in deg. C.	Flash Point (open cup) in deg. F.	Evaporation Rate Minutes	Acidity: Free acid, not more than—	Specific Gravity 20°/20°C.	APPLICATIONS	CONTAINERS
Solvents (Cont'd)							
Acetone $(CH_3)_2CO$	55.6–57.1	14	5.5	.002% as carbon dioxide	0.791–0.799	A solvent for cellulose acetate and the whole range of nitrocellulose lacquers. Used as a raw material in pharmaceuticals, dyes, and plastics; and as a de-waxing agent for lubricating oils. Chemical synthesis.	Same as amyl alcohol
Propyl Acetate Normal $CH_3COOC_3H_7$	95–105	64	....	0.1% as acetic	0.879–0.883	Excellent solvent for nitrocellulose and resins and oils used in lacquer formulations. Used in manufacture of lacquers, artificial leather, dopes, films, and plastics. Also in organic syntheses.	Same as amyl alcohol
Diethyl Oxalate $(COOC_2H_5)_2$	180–190	168	....	.05% as oxalic	1.075–1.079	Used in radio tube cathode coating, to prevent rapid drying of nitrocellulose printing inks, etc. Also in organic syntheses.	Same as amyl alcohol except 36,000-lb. drum cars.
Diatol* (Ethyl Carbonate 90%)	100–130	82	35	.02% as carbonic	.954–.957	A nearly-neutral, mild-odor, medium-evaporating nitrocellulose solvent, used in lacquers, radio tubes, etc.	Same as amyl alcohol except 36,000-lb. drum cars.
Diethyl Carbonate $(C_2H_5)_2CO_3$	120–130	115	34.75	.02% as carbonic	.973–.977	Similar to Diatol*, also in synthesizing phenobarbital and other organics.	Same as amyl alcohol except 36,000-lb. drum cars.
PLASTICIZERS							
Diamyl Phthalate $C_6H_4(COOC_5H_{11})_2$	247–255	357	....	.01% as phthalic	1.022–1.026	Plasticizer and solvent for nitrocellulose	Same as amyl alcohol except 36,000-lb. drum cars.
Dibutyl Phthalate $C_6H_4(COOC_4H_{11})_2$	236–244	352	....	.01% as phthalic	1.047–1.051	One of the most widely used plasticizers for cellulose derivatives, resins and plastics. Combines excellent plasticizing properties with good color retention and low temperature flexibility.	Same as amyl alcohol
Diethyl Phthalate $C_6H_4(COOC_2H_5)_2$	200–207	325	....	.01% as phthalic	1.117–1.121	Used as a plasticizer for cellulose acetate and nitrocellulose, in extreme pressure lubricants, and as a fixative in perfumes and essential oils.	Same as amyl alcohol
Ethylene C_2H_4 Refined and Commercial Grades	Used as a hydrocarbon fuel for cutting, welding and brazing, as a ripening agent for fruits and vegetables, as a general anesthetic and in many organic syntheses.						Shipped in 25-lb. net steel cylinders, under 1400–1700 lbs. per sq. in. pressure.

U. S. I. INTERMEDIATES

PRODUCT	FORMULA	COLOR	MELTING POINT (Deg. C.)	PURITY	APPLICATIONS	CONTAINERS
Acetoacetanilide	$CH_3COCH_2CONHC_6H_5$	White	82.5	97%	Manufacture of yellow dyes such as Hansa and benzidine yellows.	200
Acetoacet-ortho-chloranilide	$CH_3COCH_2CONHC_6H_4Cl$	White	102.5	97%		250
Acetoacet-para-chloranilide	$CH_3COCH_2CONHC_6H_4Cl$	White	130–132	97%		250
Acetoacet-ortho-toluidide	$CH_3COCH_2CONHC_6H_4CH_3$	White	104–105	96%		250
Acetoacet-ortho-anisidide	$CH_3COCH_2CONHC_6H_4OCH_3$	White	82–85	97%		250
Ethyl Acetoacetate	$CH_3COCH_2COOC_2H_5$	Nearly water white		96.5%		
Ethyl Benzoylacetate	$C_6H_5COCH_2COOC_2H_5$	Light yellow	Dist. Range 144–148 at 10 mm. pressure	95%	Manufacture of dyes and pharmaceuticals, organic syntheses.	55- and 5-gal. drums 1-gal. bottles.
Ethyl Sodium Oxalacetate	$C_2H_5OOCC(ONa):CHCOOC_2H_5$	Light yellow	....	92%	As a highly reactive intermediate in production of ore-refining flotation agents and other organic syntheses.	Fibre drums, net weight 175 lbs.
Ethyl Chloroformate	$ClCOOC_2H_5$	Water white	....	95%		5-gal. and 3-gal. carboys.

METALLIC SODIUM

Available for immediate shipment from National Distillers Chemical Co., Ashtabula, Ohio. Sold by **U.S.I.** Both are Divisions of National Distillers Products Corporation.

Price quotations can be secured from **U.S.I.** at 120 Broadway or from any branch sales office.

Technical Service is available upon request on all aspects of sodium chemistry and handling procedures.

Na Na Na Na Na

FOR INDUSTRY

Bricks— 12, 5, 2½ and 1 lb. (55-gallon returnable steel barrels).

Solid— 400 lb. net (55-gallon non-returnable steel drums).

Tank cars—80,000 lbs.

FOR RESEARCH AND DEVELOPMENT

1 or 2 lb. bricks (3½ gallon steel pails, 20 lbs. net).

Na Na Na Na Na

LITERATURE

Handling Metallic Sodium is a comprehensive handbook covering equipment and handling procedures.

Sodium Dispersions consist of microscopic sodium particles (1-20 microns) suspended in inert hydrocarbons. Booklet covers properties, applications; tells how to prepare and handle sodium in this form on laboratory and plant scale.

High Surface Sodium on Inert Solids may be visualized as extremely thin sodium films on finely divided solid carriers. Such sodium coated solids can carry over 30% Na; yet the films are calculated to be only 5 atoms thick. Discusses uses for this extremely reactive, free-flowing form of sodium, explains preparation, handling for laboratory and plant operations.

*Registered Trade Mark.

U. S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers Products Corporation

U. S. I. RESINS—NATURAL AND SYNTHETIC

The specifications shown below have been prepared to assist users in selecting resins for particular applications. However, the list is far from complete and only shows a few representative types. For complete list and specifications, refer to U.S.I. "Resinews," Vol. XV. U.S.I. maintains a large technical staff devoted to development and testing of resins and its services are always available to customers for cooperation on technical problems.

At this writing, there is a scarcity of many important raw materials used in the production of synthetic resins. Therefore, it may not always be possible under existing circumstances to supply all of our resins. Details pertaining to the availability of any one of them at a given time, including the natural resins as well, will be furnished upon request.

U. S. I. NATURAL RESINS

U.S.I. stocks a complete line of natural resins of the types utilized by the protective coating, ink, adhesive and allied industries. These include various grades of Damars, Manila, Congo, Kauri, East Indias, Elemi, Accroides, Sandarac, Pontianak. For grades and standard packaging chart see U.S.I. "Resinews," Vol. XV, Pages 137-146 inclusive.

Resin	Acid	Melting Point °C.	Color (Gardner Stds. '33) 50% cut in M.S.	Specific Gravity at 25°C.	Solubility†	Characteristics and General Uses
U. S. I. ESTER GUMS						
B	5–9	95–105	7–10	1.07–1.12	S	For exceptional hardness with minimum sacrifice in color of resulting varnish or lacquer.
C	4–8	85–95	8 or less	1.07–1.12	S	For extreme paleness, particularly in lacquer and cold cuts.
F	3 Max.	80–90	6–10	1.07–1.12	S	EG "F": Low acid Ester for non-blushing lacquer.
G	10–12	65–75	7–10	1.07–1.12	S	A softer Ester, ethyl alcohol tolerant, particularly designed for adhesives.
H	4–8	70–80	6–9	1.07–1.12	S	Ester Gum H is substantially a non-oxidizing Ester Gum. It is used for adhesives, paper coatings, etc., where freedom from after-brittling is essential. Extensively used in chewing gum manufacture.
PROCESSED CONGO GUMS						
FUSED 5	60–80	110–130	12–17*	1.05–1.10	PS	Unmodified fine melt variety. Gives excellent bodying and fast through-drying with most oils; characteristic hard, tough films.
Congo Ester 15	5–10	105–110	9–13	1.07–1.12	S	For tough, hard and glossy varnish and lacquer films, readily polishable.
AROFENE® PURE (100%) PHENOLICS						
700	45–55**	85–100**	4 or less***	1.05–1.10	S	A heat-hardening, heat-reactive resin giving a hard, durable finish with pale initial color and minimum phenolic after yellowing. It assures gasproofing of Tung Oil varnishes and may be used in all types of varnishes or fused with Ester Gum to make modified phenolics.
753	80–100	140–155	10 Max.***	1.03–1.08	PS	Fast bodying with Tung Oil producing fast drying spar varnishes ideal for floor and trim shelf goods.
775	.....	121–138	10 or less****	1.03–1.08	I	Non-heat reactive resin meeting Navy Spec. 52R11. Outstanding chemically resistant spar varnishes are obtained by combining this resin with Tung or Linseed or combinations of these oils.

†S Soluble in petroleum and coal-tar hydrocarbons, lacquer solvents and the usual varnish oils. Insoluble in ethyl alcohol.
PS Soluble in coal-tar hydrocarbons, lacquer solvents and the usual varnish oils. Insoluble to partially soluble in petroleum hydrocarbons. Insoluble in ethyl alcohol.
I Insoluble in petroleum and coal-tar hydrocarbons; also ethyl alcohol. Soluble in usual varnish oils.
* Resin: 5 Toluol.
** Since this resin is heat reactive, the said number and melting point are relatively unimportant because they change with the formation of a new chemical compound of which the oil is part.
*** 50% Solution in Toluol.
**** 50% Solution in Acetone.

AROPLAZ® USE CHART

U.S.I. produces a broad range of alkyd resins—under the trade name AROPLAZ—for use in all the various types of protective and decorative coatings. These resins, with their properties and a partial list of suggested uses, are listed individually on the following pages.

If you are interested in making a particular type of coating, the table on this page will help you find the U.S.I. alkyds most suitable for the job.

AROPLAZ	663	905-T	906-X	930	933-T	945-X	956-S	1031-M	1081-M	1082-M	1084-M	1085-M	1086-M	1100-X	1106-M	1110-X	1120-M	1125-M	1130-X	1133-X	1136-X	1240-M	1241-M	1244-M	1248-M	1249-M	1271	1273	1278	1298-M	1306-M	1320-M	1323-M	1351	1365-X	1379-M	1385-V	1390-X	1395-M
Adhesives		▲	▲	▲	▲	▲										◀																								
Aluminum Paints		▲	▲												●		●					●	▲	▲	●					●	▲	▲							
Architectural Enamels										●	▲	●	●		▲		▲					▲	●	▲						▲	▲					▲	▲		
Automotive Chassis Enamels								●						●																					▲	▲		
Automotive Enamels							●		▲	▲	▲	▲	▲						●	●													▲			▲		
Automotive Lacquers			▲	▲		●	▲									▲			●	▲														▲				
Automotive Primers		●					●		▲		▲	▲	●	●					●	●														▲	▲	●			
Automotive Refinishing, Air-dry or Bake		●					▲	▲	●	▲	▲	▲	●	▲					▲	▲														●	▲				
Baking Enamels—High Temp.			▲	●		▲										▲			●	●																		
Baking Enamels—Low Temp.		●					●	▲	▲	▲	▲	▲	▲	●					●	●	▲													▲	▲		▲		
Bulletin Colors																									▲		●	●										
Cabinet Finishes, Metal			▲	●			▲	▲	▲	▲	▲	▲	▲	●					▲	●	▲	●							▲	▲			●	▲	▲	▲		
*Emulsion Paints																						●							▲	▲									
Farm Implement Enamels		▲					●	▲	▲	▲	▲	▲	▲	▲					▲	●	●		▲	▲					▲	▲			●	▲	▲				
Freight Car Finishes									▲	▲	▲	▲	▲				▲					▲	▲	●									●	▲				▲	
Furniture Finishes, Metal		▲	▲	▲		▲		▲	▲	▲	▲	▲	●	●					▲	●	▲													▲	▲			
Furniture Enamels, Wood							▲	●	▲	▲	▲	▲	●	●					▲	●	●														▲	●			
Gasoline Pump Enamels							▲		▲	▲	▲	▲	▲	●					▲	▲						▲									●	▲			
General Utility Enamels								▲	▲	●	●	●	●				▲	▲								●						▲	▲	●				▲	
Hardware Finishes		▲					●	▲	▲	▲	▲	▲	●				▲	▲	▲	▲														●	▲				
Hospital Equipment			▲	●			▲	▲	▲	▲	▲	▲	▲				▲	▲	●	●	●													▲	▲				
Lacquer Primers		●	▲	▲		●										▲																			▲				
Lacquer Topcoats			●	▲	▲		●	▲						▲		▲			●	●															▲				
Machinery Finishes		●					▲	●	▲	▲	▲	▲	●	▲			▲	▲	▲	▲														●	▲				
Marine Finishes								▲	▲	▲	▲	▲	▲		▲							●	▲	●			●	●											
Metal Primers, Industrial		●					●	▲	▲	▲	▲	▲	●				▲	▲	▲			●	▲	●			●	▲	▲					●	▲	▲			
Metal Primers, Structural								▲	▲	▲	▲	▲	▲		▲		▲					●	▲	●			●	▲	▲					●	▲				
Porch and Deck Paints								▲		●	▲	●	▲				●											▲	▲	●									
Printing Inks																											●	●	●									
Railway Equipment									▲	▲	▲	▲	●		▲		▲					▲	▲	▲	●		●	▲	▲	●				●	▲			●	
Refrigerator Enamels			▲	●		▲													●	●	▲													▲				
Refrigerator Primers		●					●	▲											●	●																		
Roller Coating Finishes									●	●	●	●	●		▲		▲	▲			▲					▲				▲	▲	●	▲					
Sign Paints, Metal									●	●	●	●	●		▲							▲	●	▲	▲	●					▲	▲						
Silk Screen Paints																	▲					●	●	▲	▲	●												
Store Front Paints															▲		▲					▲	●	●	▲			●	●									
Textile Coatings (Pyroxylin Type)		▲	▲	●	●											▲														▲								
Tin-Decorating Finishes								▲	▲	▲	▲	▲						▲	●	●	▲										●	▲						
Toy Enamels							▲	●	▲	▲	▲	▲	●					▲	▲	▲												●	▲					
Traffic Paints									▲	▲	▲	●			▲		●																▲					
Trim and Trellis Enamels																						▲	▲	▲			●	●	●								▲	
Truck and Bus Finishes							●	▲	●	▲	▲	▲	●				▲		●	●													●	▲	▲		●	
Washing Machine Finishes			▲			▲	▲	▲											●	●																		

* Use resin in solvent free form. LEGEND: ▲ Applicable resins. ● Preferred resins.

U. S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers Products Corporation

U.S.I.

AROPLAZ® ALKYDS

Resin (Aroplaz)	Solution	Visc. (G.H.)	Acid Value Plastics	Color (Gardner Stds. 1933)	Approx. Wt./gal. @ 25°C.	Characteristics and General Uses
663	50% in Xylol	X–Z	26–32	11 max.	8.3	Modified oxidizing, short oil length—fast dry non-lifting to lacquer. Used in auto primers, surfacers and refinish enamels. JAN E-74 and MIL E-15090A TYPE II.
905–T	50% in Toluol	Q–S	6–12	6 max.	8.3	Short, pure, non-oxidizing alkyd for use in color retentive cold-check resistant lacquers. Its lacquers can be rubbed.
906–X	50% in Xylol with trace Butanol	P–U	4–8	5 max.	8.3	Short, pure, non-oxidizing alkyd. For use in color retentive urea or melamine baking finishes such as refrigerator, washing machine, stove enamels, etc. Also excellent for pale metal lacquers and automotive lacquer enamels.
930	Solvent Free	$Y–Z_2$	4–8	10 max.	8.5	Pure, non-oxidizing resin-plasticizer for nitrocellulose and other film-forming materials. Imparts permanent flexibility and resistance to cold-checking.
945–X	65% in Xylol	W–Y	4–7	9 max.	8.5	Pure semioxidizing—lowest viscosity with nitrocellulose, hence best for high solids and hot-spray lacquers. Non-lifting. JAN L-73.
956–S	49–51% solids in Petroleum Aromatic (Med.)	$Z–Z_2$	5–9	5–8	8.1	Pure, oxidizing, short oil length alkyd resin, especially well suited for use in fast air-drying or low temperature baking finishes in which speed of dry, durability, hardness and toughness are the primary requirements. Very high gloss enamels can be produced with AROPLAZ 956 and high gloss is retained on long aging under all normal conditions. Automotive primers and surfacers and enamels (general), gasoline pump enamels, truck enamels, aluminum paints, machinery, hardware and implement enamels.
1031–M	50% in Mineral Spirits	$Y–Z_1$	8–12	11 max.	7.6	Short, phenol modified, oxidizing alkyd for fast through drying. Recommended for automotive primers and surfacers, hardware marine finishes, etc. In toluol, also excellent for durable lacquers.
1081–M	50% in M.S.	$Z_4–Z_6$	6–10	8 max.	7.7	Medium, pure, oxidizing—compatible with most amine resins. Recommended for low vehicle solids enamels—air dry and baking, industrial or shelf goods.
1082–M	50% in M.S.	W–Y	6–10	9 max.	7.7	Medium, pure, oxidizing—color retentive, easy brushing for architectural and utility shelf goods.
1084–M	50% in M.S.	X–Z	4–8	8 max.	7.7	Medium, pure, oxidizing—similar to A1085 except it is higher in viscosity.
1085–M	50% in Mineral Spirits	T–V	4–7	9 max.	7.6	Medium, pure, oxidizing alkyd of outstanding color and color retention. Suitable for roller coat, brush, spray or dip type finishes, air-drying or low baking. Automotive refinishing, architectural whites, machinery and metal finishing enamels.
1086–M	49–51% in Mineral Spirits	U–X	8–13	9 max.	7.5	Pure, oxidizing, medium to long oil length alkyd, pure whites or colors, interior or exterior, air-dried or baked. Architectural, gasoline pump, hardware, roller-coating enamels, machinery finishes, automotive refinishing, freight car finishes. Faster drying than A1085.
1100–X	50% in Xylol	V–W	22–32	12 max.	8.3	Short, modified oxidizing alkyd. Especially suitable for fast "set," quick air-dry or bake, hard, durable films. Automotive primers, surfacers, enamels and lacquers; also metal cabinet, furniture and similar enamels.
1106–M	70% in M.S.	X–Z	6–10	9 max.	8.1	Medium to long oil, pure, oxidizing. Metal protective, trim and trellis enamels—tints and colors.
1110–X	60% in Xylol	$Y–Z_1$	6–10	8 max.	8.3	Pure, non-oxidizing, medium oil length—High heat baking whites. Clear and pigmented lacquers.
1120–M	60% in M.S.	$Z–Z_2$	4–8	9 max.	7.9	Pure medium oxidizing, color retentive suitable for architectural enamels and shelf goods.
1125–M	50% in Mineral Spirits	S–T	22–28	12 max.	7.5	Medium to short, non-phthalic, modified, oxidizing alkyd type resin. Economical hard resin with fair durability, color retention, air-drying and baking properties. Recommended for hardware, implements, metal cabinet, toy and similar finishes.
1133–X	60% in Xylol	$Z_2–Z_3$	6–10	8 max.	8.5	Short, pure, oxidizing alkyd. Sets fast, air dries or bakes to hard, scuff-resistant, durable and color retentive film. Compatible with ureas and lacquers. Spray type automotive primers and enamels, gas pump, truck and machinery finishes; dipping enamels for hardware.
1136–X	50% in Xylol Trace Butanol	$Z–Z_2$	6–10	8 max.	8.3	Pure oxidizing, short oil, color retentive. Fast curing with amine resins. Provides good adhesion toughness. Recommended baking appliance and roller coat, white enamels.
1240–M	70% in Mineral Spirits	$Y–Z_1$	6–10	8 max.	8.0	Long, pure, oxidizing alkyd meeting Navy Spec. 52R13. Ideal for white and colored-brushing enamels of excellent color and gloss retention and outstanding durability.
1241–M	70% in Mineral Spirits	$Y–Z_1$	6–10	9 max.	8.0	Long, pure, oxidizing alkyd of outstanding properties for use in interior or exterior architectural type brushing enamels. Color and gloss retentive properties superior to most alkyds; its drying is more rapid than other alkyds of equivalent oil length.
1244–M	70% in M.S.	X–Z	5–10	12 max.	8.0	Long, pure, oxidizing—meets maritime resin Spec. 52-MC-501. Recommended metal protective primers, paints, trim and trellis, colored enamels.

AROPLAZ® ALKYDS—(Cont'd)

Resin (Aroplaz)	Solution	Visc. (G.H.)	Acid Value Plastics	Color (Gardner Stds. 1933)	Approx. Wt./gal. @ 25°C.	Characteristics and General Uses
1248-M	69–71% in Mineral Spirits	$Z–Z_2$	8–12	9 max.	8.1	Pure, long-oil alkyd especially developed for use in premium grade white architectural enamels; has excellent gloss and color retention, and shows a complete freedom from hazing in the presence of Zinc Oxide.
1249-M	65%	W–Y	8–12	9 max.	....	Pure, oxidizing, medium long oil. Color and gloss retentive—non-hazing with ZnO. Similar to A1248 except for faster drying.
1271	100%	W–Y	6–10	10 max.	8.4	Pure, very long oil, phthalic alkyds for printing inks to be used
1273	100%	Z-2-Z-3	6–10	10 max.	8.6	alone or in combinations, as desired; give good wetting, easy pigment dispersion, and stability. Their inks lithograph well, dry rapidly to hard glossy films, thus offering advantages over linseed litho varnishes, and many oil-resin vehicles.
1274	100%	$Z_2½$-Z_4	5–10	11 max.	8.3	Long, pure, color retentive alkyd for modifying latex paint.
1278	100%	Z-8-Z-8½	7–10	10 max.	8.8	Same as 1271 and 1273.
1298-M	75%	$Z–Z_1$	10–15	10 max.	7.9	Non-phthalic, modified long oil length. Ready mixed aluminum paints, shelf goods under coaters and enamels.
1306-M	75% in Mineral Spirits	$Z–Z_1$	9–12	9 max.	7.8	Phthalic free resin of modified, medium-to-long, oxidizing type. Economical resin of good durability, color and gloss retention, and satisfactory over-night drying. General purpose enamel vehicle.
1313-M	70% in M.S.	$Z_1–Z_2$	4–8	11 max.	7.85	This resin may be used as replacement for long oil alkyds in architectural enamels: moderately good color retention in whites.
1320-M	50% in Mineral Spirits	W–Y	5–10	9 max.	7.7	Medium, pure, oxidizing alkyd. Same as AROPLAZ 1085M except faster in drying properties and slightly poorer in color retention. Used extensively in Army specification gloss and semi-gloss enamels.
1323-M	50% in Mineral Spirits	$Z–Z_2$	5–10	10 max.	7.6	Medium, pure, oxidizing alkyd. Same properties as AROPLAZ 1320M except higher in viscosity. Especially designed for use in specification primers and lustreless enamels such as Army 3–171, 3–172 and 3–173.
1351	100%	W–Y	10–15	9 max.	8.7	Pure, non-oxidizing long oil. Plasticizer for nitrocellulose lacquer—particularly paper and textile coating types—very economical.
1365-X	60% in Xylol	$Z–Z_2$	18–25	9 max.	8.4	Medium-to-short, pure alkyd. Produced essentially for use in aeronautical primer MIL P6889A but also well suited to use in fast air-drying or baking industrial gloss finishes. Can be used alone or with urea or melamine resins. Not recommended for use in whites.
1366-X	60% in Xylol	$Z–Z_2$	18–25	9 max.	8.5	An alkyd to be used as the sole vehicle in MIL-P-6889A Type I.
1379-M	49–51% in Mineral Spirits	X–Z	8–12	14 max.	7.7	Short, hard resin modified phthalic alkyd—very economical vehicle for use in industrial finishes; also adaptable for use in some architectural finishes and shelf goods.
1385-V	49–51% in VM & P Naphtha	$Z–Z_2$	6–10	12 max.	7.5	Highly modified, short oil alkyd for use in exceptionally fast setting, fast air-drying or baking industrial primers and topcoats, where these properties are of prime importance and exterior durability, color retention etc., are secondary.
1386-V	49–51% in VM & P Naphtha	$Z_2–Z_3½$	6–10	15 max.	7.5	Similar to 1385-V, but more economical.
1389-M	75% in M.S.	$Y–Z_1$	10–15	10 max.	7.9	A non-phthalic, non-castor, long oil, oxidizing, color retentive resin recommended for ready-mixed aluminum paints.
1390-X	49–51% in Xylol	W–Y	10–20	13 max.	8.06–8.23	Phenolic modified short oil—specifically for Navy 52R14, also excellent air dry auto primer and surfacer, auto refinish enamels.
1395-M	70% in M.S.	$Y–Z_1$	8–12	11 max.	7.7	Phenolic modified long oil. Recommended as sole vehicle in porch and deck enamels—also good for utility enamels and varnish.
1397-M	50% in M.S.	N–R	10–20	10 max.	7.5	A non-phthalic, non-castor, medium to short modified oxidizing alkyd, recommended for fast, air-drying, utility enamels, and for baking or air-drying industrial finishes.

AROCHEM®

Resin (Arochem)	Acid No.	Melting Point °C.	Color (Gardner Stds. '33) 50% in Toluol	Specific Gravity @ 25°C.	Aliphatic Solubility	Characteristics and General Uses
90	10–15	130–140	11 max.	1.07–1.12	S	Designed particularly for architectural 4-hour varnishes and utility enamels, with good color, package stability, drying, gas-proofing and ease of handling.
333	35–45	165–175	12	1.07–1.12	PS	Designed for use in pale, fast drying dehydrated castor and linseed varnishes, employing unbodied oils in cook. Bodies oils so rapidly that only normal, short cooking schedules are required.
335	12–18	148–158	12	1.09–1.14	PS	Especially designed for use with linseed and dehydrated castor oil. Bodies all oils rapidly and dries to hard, tough film overnight. Varnishes pale, color retentive and resistant.
337	30–40	150–160	11	1.09–1.14	PS	Same as 335 except somewhat faster bodying; its varnishes are slightly faster drying and more resistant.
345	5–10	110–115	10	1.07–1.12	S	Specially polymerized rosin ester gum for uses in varnishes, adhesives, "cold cuts," etc. Uses: Interior varnishes, adhesives, machinery finishes, hardware finishes, emulsion paints, aluminum liquids, low-cost house paints.
351	15–20	105–115	10	1.07–1.12	S	Fortified ester gum for use in varnishes, cold cuts, etc. Uses: Interior flats and enamels, emulsion paints, primers and undercoats, interior varnishes, toy enamels, aluminum liquids.

AROCHEM®—(Cont'd)

Resin (Arochem)	Acid No.	Melting Point °C.	Color (Gardner Stds. '33) 50% in Toluol	Specific Gravity @ 25°C.	Aliphatic Solubility	Characteristics and General Uses
365	12–18	145–155	12	1.09–1.14	PS	Similar physical properties to 335 except not as color retentive.
372	15–25	150–160	12 max.	1.11–1.16	PS	Modified phenolic for fast bodying with soft oils. Minimum non-yellowing comparable to the Bis-Phenol types with only slight sacrifice in chemical resistance.
404	280–300	145–155	12 max.	1.13–1.18	I	Glycol solutions used for steam set inks.
520	25–35	140–145	10	1.13–1.18	PS	For extremely pale lacquer films with unusually rapid solvent release; very light-colored soft oil vehicles for extremely white air-drying and baking finishes.
545	25–35	145–150	10½	1.13–1.18	PS	Similar to A520 with paler color.
547	25–35	138–148	10 max.	1.13–1.18	PS	Modified condensate for use in lacquer sealers and furniture finishes where maleic types are commonly used. Solvent compatibility and color retention properties are comparable to most maleics.
595	30–40	145–155	10	1.1	PS	Modified phenolic maleic resin; provides solutions and varnishes which possess high viscosity and low penetration and which dry rapidly and hard, of special value in gloss and overprint ink formulations. Uses: Soft oil varnishes (general), tin decorating enamel vehicles.
600	25–30	130–140	12	1.09–1.14	S	Specially modified synthetic for use with the "softer" oils. Suggested Uses: Floor and deck varnishes and enamels, soft oil varnishes—interior and spar, vehicles for tin decorating coatings, architectural enamel vehicles.
605	20–30	155–165	12½	1.1	S	Specially modified synthetic for use with the softer oils. Suggested Uses: Porch and deck paints, quick-drying varnishes and enamels, and spar varnishes. Non-phenolic in character, will not exhibit typical phenolic after-yellowing; suitable for whites.
609	15–25	155–165	11 max.	1.13–1.18	PS	High melting point, modified condensate for use with soft oils to produce color retentive varnishes suitable for white enamels and "Tin-Deco" finishes; suitable replacement for maleics in varnishes.

AROFLAT® SPECIAL ALKYDS

Resin (Aroflat)	Solids	Visc. (G.H.)	Acid Value Plastics	Color (Gardner Stds. 1933)	Approx. Wt./gal. @ 25°C.	Characteristics and General Uses
3010–M	65% in M.S.	V–Y	4–8	11 max.	7.8	Pure alkyd, oxidizing, color retentive. Wall primers and sealers. Semi-penetrating, semi-gloss and flat wall paints of high resistant qualities. For whites and colors.
3025–P	40% in slow Pet. thinner	J–P	5–10	8 max.	7.3	Pure alkyd, oxidizing, color retentive and non-penetrating. Specifically for high quality self-priming flat wall paints, with maximum "non-pen." Also available in odorless type M.S.
3050–M	40% in M.S.	P–W	5–10	10 max.	7.2–7.3	A non-phthalic, non-castor, modified alkyd resin for producing non-penetrating, self-priming, flat wall finishes. (Also in odorless M.S.)

AROFLINT® AIR-CURING PHENOLIC

Resin (Aroflint)	Solids	Visc.	Acid Value Plastics	Color (Gardner Stds. 1933)	Approx. Wt./gal. @ 25°C.	Characteristics and General Uses
131	39–42% in Mixed Alcohols	0.22–0.50 poises @ 25°C.	....	3–7	8.2–8.5	Pure phenolic resin solution that cures with speed of lacquer by chemical action after addition of catalyst. Film is true plastic. Recommended for wood finishes with durability and resistance far superior to conventional finishes.

AROPOL® COPOLYMERS

Resin (Aropol)	Solids	Visc. (G.H.)	Acid Value Plastics	Color (Gardner Stds. 1933)	Approx. Wt./gal. @ 25°C.	Characteristics and General Uses
865	50% in	Z_3–Z_5	3–8	8 max.	7.8	Oxidizing, medium short, copolymer alkyd—fast air dry and bake
866	Pet. Spts.	Z_3–Z_5	3–8	8 max.	7.8	industrial enamels. MIL E10687 (ORD).
880	60% in	Z–Z_2	3–8	8 max.	8.3	Oxidizing short copolymer alkyd—extremely fast air dry and bake
881	Xylol	Z–Z_2	3–8	8 max.	8.3	industrial enamels. MIL E10687 (ORD).

U. S. INDUSTRIAL CHEMICALS CO.

Division of National Distillers Products Corporation

INSECTICIDE AND INSECTIFUGE MATERIALS

* PYRENONE

Non-toxic, effective insecticide concentrates for use in—

- Dairy Cattle and Barn Sprays
- Food Warehouse and Food Processing Plant Sprays
- Household Sprays and Powders
- Livestock Oil Sprays and Wettable Powders
- Low-Pressure and High-Pressure Aerosols
- Electric Vaporizer and Steam Generator Sprays
- Agricultural and Horticultural Sprays and Dusts

PYRENONE Concentrates are available for Oil-Type Sprays, Wettable Powders, Water Emulsions, Powders and Dusts.

"Quick Facts about Pyrenones," a handy reference guide filled with condensed products and end-use data for formulations of all types of insecticides, is yours for the asking. Write for your free copy of this valuable Pyrenone fact folder.

OTHER CONCENTRATES

CPR for Truck Crop Sprays and Dusts; Aerosols
Piperonyl Butoxide
Piperonyl Cyclonene
Pyrethrum Products
Rotenone Products
*Indalone
Triple-Mix Repellents
* Reg. U.S. Pat. Off.

FINISHED PRODUCTS

Pyrenone Grain Protectant
Pyrenone Wheat Protectant
Pyrenone Seed Protectant (Slurry)

SPECIFICATIONS

PRODUCTS	ACTIVE INGREDIENT CONTENT grams/100 cc.			ACTIVE INGREDIENT CONTENT % by Weight			Specific Gravity at 20°/20°C.	Weight per gal. @ 20°C.	Color Gardner-(Holt Stds. 1933)	Approx. Flash	Minimum Solubility in Petroleum Base Oil	Freon Insolubles (Max.)
	Pyrethrins	Piperonyl Butoxide (Technical)	Piperonyl Butoxide	Pyrethrins	Piperonyl Butoxide (Technical)	Piperonyl Butoxide						
Pyrenone Roach Spray Concentrate	1.2	6.0	—	1.49	7.48	—	.802 (±.005)	6.67	9.5–10.5	180–190°F.	100%	—
Pyrenone K.D. Concentrate	1.2	3.0	—	1.50	3.76	—	.796 (±.005)	6.62	8.5–9.5	180–190°F.	100%	—
Pyrenone Aerosol Concentrate 40–5	—	—	—	5.0	40.0	—	.903 (±.015)	7.51	12–13	180–190°F.	100%	0.3%
Pyrenone Aerosol Concentrate 30–6	—	—	—	6.0	30.0	—	.883 (±.015)	7.35	12–14	188–192°F.	100%	—
Pyrenone Aerosol Concentrate 20–8	—	—	—	8.0	20.0	—	.865 (±.010)	7.20	12–14	180–190°F.	100%	0.4%
Pyrenone O.T. 50–5	5.0	50.0	—	5.31	53.19	—	.94 (±.025)	7.82	12–14	200–215°F.	100%	—
Pyrenone R.E. 50–5	5.0	—	50.0	5.26	—	52.63	.95 (±.03)	7.65–8.15	Dark Amber	180–200°F.	Cloudy to Clear	—
Pyrenone R.E. 60–3	3.0	—	60.0	3.12	—	62.50	.96 (±.03)	7.74–8.24	Dark Amber	180–200°F.	Cloudy to Clear	—
Pyrenone R.E. 66–5	—	—	—	5.0	—	66.67	.982 (±.03)	8.2	Dark Amber	180–200°F.	Cloudy to Clear	—
Pyrenone #20 New	0.5	4.0	—	0.62	5.03	—	.795 (±.005)	6.61	9–10	180–190°F.	100%	—
Piperonyl Butoxide (100%)	—	—	—	—	—	—	1.04–1.07	8.65–8.90	10–11	340°F.	100%	—
Piperonyl Cyclonene (100%)	—	—	—	—	—	—	1.09–1.20	9.07–9.93	16 plus	290–300°F.	Slight	—
Indalone	—	—	—	—	—	—	1.058 (±.005)	8.80	7	265–275°F.	—	—

FEED CONCENTRATES

* Curbay B-G—Dried Molasses Fermentation Solubles
* Curbay, Special Liquid—Molasses Distillers' Condensed Solubles for hog and dairy feeds.
DL-Methionine (Feed Grade).
* Vacatone 40—Molasses Distillers Dried Solubles.
U.S.I. Riboflavin Products.
U.S.I. Vitamin B_{12} and Antibiotic Feed Supplements.
U.S.I. Antibiotic Feed Supplements.
U.S.I. Vitamin B_{12} Supplements.
U.S.I. Calcium Pantothenate.
U.S.I. Niacin.
U.S.I. Choline Chloride.

* Reg. U.S. Pat. Off.

OTHER PRODUCTS

Collodions—U.S.P., Flexible U.S.P., and photographic grades.
DL-Methionine—an essential sulfur amino acid for pharmaceutical use.
Acetyl DL-Methionine—a more soluble derivative of DL-Methionine.
Nitrocellulose Solutions.
Sodium Ethoxide (Alcohol solution).
Urethan-U.S.P.—Soporific; starting point for organic syntheses.
Propionic Acid Acetaldehyde.
Propionaldehyde.

U.S.I.

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New Orleans 6, La., 708-709 Maritime Bldg., CAnal 0521
New York 36, N. Y., 33 W. 42nd St., BRyant 9-5200
Philadelphia 9, Pa., 123 South Broad St., PEnnypacker 5-5542
Pittsburgh 22, Pa., 104 Sixth St., ATlantic 1-2777
St. Louis 3, Mo., 1600 Clark Avenue, GArfield 5141
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ISOLINE

Dehydrated Castor Oil. First developed commercially in this country by Woburn Chemical Corp. (N.J.). Drying oil of pleasing odor. The films are light in color and do not after yellow. Films are also flexible with good adhesion, long life and water resistance. FOR:—lithographic inks, linoleum, paints and varnishes. (Supplied in viscosities of G-H, M, Z, Z2, Z3, on Gardner-Holdt scale).

ISOSTYRE

Styrenated Dehydrated Castor Oil devoid of free styrene, thus being practically odorless. Rapid drying into a light colored hard film with good flexibility, unusual adhesion, waterproofness, alkali resistance, and no after tack. Its uses include:—architectural white enamels, concrete paints, traffic paint, toy enamels and general purpose quality enamels, floor sealers, shellac substitutes, clear varnishes. (Supplied at 50% and 70% solids in Mineral Spirits and V.M.P. Naphtha).

SOYASTYRE 500

Styrenated Soya Bean Oil practically devoid of free styrene, thus being practically odorless. Rapid drying to a hard film with good flexibility, waterproofness, alkali resistance, adhesion and no after tack. For protective coatings where fast set and dry are required:—such as industrial, trade sales, architectural and toy enamels, aluminum, traffic and outside house paints. (Supplied in viscosities (G-H) . . . Z3 - Z5 Solid content 70%).

CONJULIN

For formulas requiring oils that form quick drying, water resistant, tack free films. Used in place of Linseed Oil in Ester Gum and Bakelite 254 Resin Varnishes, drying time and water resistance are superior, approaching the corresponding wood oil varnishes. For:—brake linings, insulation varnishes, wrinkle finishes, air dried and baked coatings, paint and varnish use. (Supplied in viscosities of Z - Z2 on Gardner-Holdt scale).

FATTY ACIDS

Complete line high quality specification Fatty Acids for wide variety of uses—Alkyd Resins—Cosmetics—Pharmaceuticals—Metallic Soaps — Driers — Esters — Rubber Compounding — Buffing and Drawing Compounds—Soaps and Greases. Write or call for further information.

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Woburn Degreasing Company, Woburn, Mass.

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Spokane 8, Wash, 1023 W Riverside Ave
Springfield, Ill, 517 Illinois Bldg, P O Box 37
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Tacoma 2, Wash, 1930 Pacific Ave
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Waterloo, Iowa, 300 W 3 St
Watertown, N Y, 245 State St
Wheeling, W Va, 12 & Main Sts, P O Box 329
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N Y 7, 50 Church St — Worth 4-3510
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Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio — 4-4758

Westvaco Chem Div, Food Machy & Chem Corp, 161 E 42 St, N Y 17 — Murray Hill 7-7400
Charlotte, N C, Liberty Life Bldg — 6-2857
Chicago, Ill, 141 W Jackson Blvd — Wabash 2-7554
Cincinnati, Ohio, Second National Bldg, 9 & Main Sts — Main 5979
Cleveland, Ohio, Termina' Tower — Prospect 1-0172
Los Angeles, Cal, 301 W Ave 26 — Capitol 1-6161
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Pocatello, Idaho, P O Box 1608 — 3800
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G A Wharry Co, Inc, 95 Broad St, N Y 4 — Whitehall 3-5760

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North Portland, Ore, P O Box 68, Suttle Rd — University 3675

Whitc Cross Labs, 79 Wall St, N Y — Digby 4-7032

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Cleveland 13, Ohio, 1213 W 3 — Cherry 1-0804
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N Y 7, 30 Church St — Rector 2-9655
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Whitlock Mfg Co, 74 South St, Elmwood, W Hartford 10, Conn — 2-4295
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N Y 6, 149 Broadway — Cortlandt 7-8217
Phila 3, Pa, 2206 Chestnut St — Rittenhouse 6-0863

Whiton Mach Co, 190 Howard St, New London, Conn — 4374

Whittaker, Clark & Daniels Inc, Processing Department Y, 260 W Broadway, N Y 13 — Walker 5-3750

Whittingon Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind — MA 7352

Wickwire Div, Colorado Fuel & Iron Corp, Sterling St, Clinton, Mass — 720
Boston, Mass, 80 Federal St — LI 2-6690
Buffalo, N Y, 361 Delaware Ave — MO 5600
Chicago, Ill, 221 N LaSalle St — Central 6-7648
Detroit, Mich, 1915 National Bank Bldg — Woodward 1-4516
N Y, 575 Madison Ave — Murray Hill 8-5400
Phila, Pa, 11 St & Ridge Ave — FR 7-1776

EDWIN L WIEGAND CO, 7557 Thomas Blvd, Pittsburgh 8, Pa — Churchill 1-3200

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George J Wiesner Co, Inc, 150 Nassau St, N Y 38 — Cortlandt 7-0851

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N Y 17, 60 E 42 St — Murray Hill 2-5331

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G C Wilson & Co, 2 N Passaic Ave, Chatham, N J — Chatham 4-3408

T C Wilson Co, 503 Market St, San Francisco 5, Cal — Sutter 1-8524

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N Y 14, 345 Hudson St — Oregon 5-8100

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Bridgeport 2, Conn, 929 Connecticut Ave
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WITCO CHEM CO, 260 Madison Ave, N Y 16 — Murray Hill 5-6020
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Houston 25, Tex, P O Box 20104 — Mohawk 9868
Los Angeles 14, Cal, 649 S Olive St — Trinity 9575
San Francisco 3, Cal, 785 Market St — Garfield 1-7526
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Witt Cornice Co, 2118 Winchell Ave, Cincinnati, Ohio — Cherry 6171

John H Witte & Sons, 206 Jefferson St, Burlington, Iowa — 45

WOBURN CHEM CORP, 1200 Harrison Ave, Harrison, N J — Kearny 2-3300

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Jacques Wolf & Co, 350 Lexington Ave, Clifton (P O Box 839, Passaic), N J — Prescott 7-5000
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Wolien Chem & Supply Co, 126 6 Ave, Paterson 4, N J — Armory 4-2800

Wolverine Solvents & Chem Co, 1500 Century Ave S W, Grand Rapids 9, Mich

Wolverine Tube Div, Calumet & Hecla Inc, 1850 Guardian Bldg, Detroit 26, Mich — Woodward 1-7250
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Rochester 4, N Y, 1246 Sibley Tower Bldg
St Louis 3, Mo, 3505 Lindell Blvd
St Paul 4, Minn, 2428 University Ave
Salt Lake City 1, Utah, 118 Motor Ave
San Francisco 7, Cal, 224 Townsend St
Seattle 1, Wash, 2616 Western Ave
Springfield 3, Mass, 496 Bridge St
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Phila 25, Pa, 2 & Diamond Sts — Regent 9-7460
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Detroit 26, Mich, 1319 Dime Bldg — Woodward 1-1014
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Pittsburgh 22, Pa, 1114 Oliver Bldg — Grant 1-0640
St Louis 1, Mo, 1430 Paul Brown Bldg — Chestnut 6373

Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y — Stillwell 6-2010

Y

Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill — Fillmore 4-9600
Chicago, Ill, 510 N Dearborn St — Michigan 2-5600

Otto H York Co, Inc, 69 Glenwood Pl, E Orange, N J — Orange 4-2000

Young Radiator Co, 709 S Marquette St, Racine, Wis — 2-4441
Mattoon, Ill, 120 N 14 St — 4700

Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio — 9-3215

Z

Zallea Bros, Taylor & Locust Sts, Wilmington 99, Del — 4-2407

Zeen Chem Co, 2000 Elm St N W, Cleveland, Ohio — Cherry 1-8174

Zialite Corp, 92 Grove St, Worcester 5, Mass — 5-6362

Zinsser & Co, Inc, Hastings-on-Hudson, N Y — Hastings 5-3000

William Zinsser & Co, Inc, 516 W 59 St, N Y 19 — Col 5-2800
Chicago, Ill, 319 N Western Ave — Taylor 9-6488

Zophar Mills Inc, 112-130 26 St, Bklyn 32, N Y — South 8-0907

J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa — 2-2245

CHEMICAL WEEK

GUIDE TO

CHEMICALS • RAW MATERIALS • SPECIALTIES

ABIETIC ANHYDRIDE see Rosin, Gum

ABIETINIC ACID see Acid, Abietic

ABRASIVES, GRINDING

Materials of sufficient physical hardness to grind or polish the surface of metals, etc., by mechanical rubbing or wearing. See also Emery, Iron Oxide Red, Pumice, Rotten Stone, Silica.

*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Exolon Co, Tonawanda, N Y
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

ABRASIVES FOR DETERGENTS, POLISHES

Materials with gentle abrasive action which clean or polish without marring the smooth surface of brass, silver and other soft metals, enamels, glass, marble, etc. See also Bentonite, Diatomaceous Earth, Talc, Tripoli, Volcanic Ash, etc.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Exolon Co, Tonawanda, N Y
Hammill & Gillespie, 225 Broadway, N Y 7
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Johns-Manville, 22 E 40 St, N Y 16
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Ultra Chem Works, 2 Wood St, Paterson, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ACACIA GUM see Gum, Arabic

ACCELERATORS, RUBBER

Compounds, which speed the curing process of rubber and improve the quality of the product. See also Aniline, Antimony Sulfide, Di-o-Tolylguanidine, Diphenylguanidine, p-Nitrosodimethylaniline, Thiocarbanilide, Triphenylguanidine.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*General Mills, 400 2 Ave S, Minneapolis, Minn
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17

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Acetaldehyde, Acetaldol, Paraldehyde, Crotonaldehyde, Butyraldehyde, Isobutyraldehyde, 2-Ethylbutyraldehyde, 3-Ethoxypropionaldehyde, 2-Ethylhexaldehyde, Acrolein, Methacrolein, 2-Ethyl-3-Propylacrolein, Glyoxal, Pyruvic Aldehyde, 2-Hydroxyadipaldehyde, 2,3-Dihydro-2-Formyl-1,4-Pyran, 1,2,5,6-Tetrahydrobenzaldehyde, 2,4,6-Trimethyl-1,2,5,6-Tetrahydrobenzaldehyde, and Succindialdehyde are available commercially. Other aldehydes can be supplied in developmental quantities.

CARBIDE AND CARBON CHEMICALS COMPANY

A Division of

Union Carbide and Carbon Corporation

30 E. 42nd St. UCC New York 17, N. Y.

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Eastman

acetaldehyde

Eastman acetaldehyde is a versatile and valuable raw material for the manufacture of rubber chemicals, specialty resins, perfumes, drugs, dyes and disinfectants. It is miscible with water, alcohol, ether, acetone, benzene, gasoline, solvent naphtha, toluene and xylene.

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Sales offices in principal cities; see ad Catalog Section.

Eastman

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1429 WALNUT STREET, PHILADELPHIA 2, PA.

ACCELERATORS, RUBBER cont'd

*Emil Klemm Inc, 88 I St, Salt Lake City, Utah
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Aniline Div, 40 Rector St, N Y 6
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Rare Metal Products Co, Atglen, Pa
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*R T Vanderbilt Co, 230 Park Ave, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ACENAPHTHENE

$C_{12}H_{10}$. M. W. 154.20. Long, white needles. M. P. 95°C. B.P. 277.5°C.
●Pkg—1, 5, 10, 25, 50 lb. pkgs., 200 lb. bbls.
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Atlantic Chem Corp, 153 Prospect St, Passaic, N J
Barclay Chem Co, 75 Varick St, N Y 13
Chematar Inc, 40 Exchange Pl, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Henley & Co, 801 2 Ave, N Y 17
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Charles Page & Co, 50 E 42 St, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

ACERDOL see Calcium Permanganate

ACETAL

$CH_3CH(OC_2H_5)_2$. M.W. 118.11. Colorless liq. agreeable odor. Sp. gr. 0.831. B.P. 102.2°C. Sol. water, alcohol, ether. Uses—general solvent. Grades—tech.
*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

ACETALDEHYDE

CH_3CHO M.W. 44.03 Colorless, inflammable liq. pungent fruity odor. Sp. gr. 0.782 (15°C). M.P.—123.5°C. B.P. 20.2°C. Sol. water, alcohol, ether. Uses—mfr. organic derivatives, paraldehyde, synth. drugs, dyestuffs, yeast albumin; in silvering mirrors; as photographic developer; in phenolic resins; mfr. synth. rubber. Grades—tech.
●Pkg—30, 60, 325, 350 lb. drums.
J M Baird Co, 254 W 31 St, N Y
Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Polak & Schwarz, 667 Washington St, N Y 14
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETALDOL see Aldol

ACETAMIDE

CH_3CONH_2. M.W. 59.05. Colorless, deliq. cryst., mousy odor. Sp. gr. 1.159. M.P. 81°C. B.P. 222°C. Sol. water, alcohol. Uses—mfr. intermediates, methylcyanide, synth. pharmaceuticals. Grades—U.S.P.; C.P. odorless; tech.
●Pkg—Custom packed.
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Republic Chem Corp, 94 Beekman St, N Y 38

ACETAMIDINE HYDROCHLORIDE

$CH_3.C(NH)NH_2.HCl$. M.W. 94.53. Colorless, odorless cryst.; somewhat deliq. Sol. water, alcohol; insol. ether, acetone. M.P. 166°C.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACETANILID

$C_6H_5NH(COCH_3)$. White cryst. scales. Sp. gr. 1.2105. M.P. 113°C. B.P. 305°C. Sol. hot water, alcohol ether. Uses—mfr. p-Nitroacetanilid, p-Phenylenediamine, p-Nitraniline, intermediates, dyestuffs, para red; ingredient cellulose ester dopes, lacquers; stabilizer hydrogen peroxide; as rubber accelerator; in medicine. Grades—U.S.P.; tech.
●Pkg—25 lb. boxes, 25, 50, 100, 150, 200 lb. drums, bbls.
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
M W Hardy & Co, 141 Broadway, N Y 6
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17

ACETATE OF ETHYL ETHER OF DIETHYLENE GLYCOL

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Shepard Chem Corp, 117 Liberty St, N Y 6

ACETIC ANHYDRIDE (Acetic Oxide, Acetyl Oxide)

$CH_3CO\text{-}O\text{-}CH_2CH_2OCH_2CH_2OC_2H_5$. Colorless liq. B.P. 218°C. Sp. gr. 1.0125 (20°/20°C). Uses—lacquers, inks.
●Pkg—5, 55 gal. drums, carboys.
American-British Chem Supplies, 180 Madison Ave, N Y 16

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

American Firstoline Corp, 420 Lexington Ave, N Y 17
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
John A Chew, 60 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Sterone Corp 250 W 57 St, N Y 19
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ACETATE OF LIME see Calcium Acetate

ACETIC ETHER see Ethyl Acetate

ACETIC ISOBUTYLESTER see sec.-Butyl Acetate

ACETIC OXIDE see Acetic Anhydride

ACETIN (Monoacetin, Glycerin Monoacetate)

$C_3H_3O_2C_3H_5(OH)_2$. Colorless, thick hygroscopic liq. Sp. gr. 1.221. (15°C). B.P. 240°C. Decomp. on heating. Sol. water, alcohol, ether. Uses—mfr. dinitroacetylglycerin, non-congealing dynamites; tanning leather; solvent for basic dyestuffs; gelatinizing smokeless powd. Grades—C.P.; tech.
● Pkg—1, 10, 50 lb. tins, 500 lb. drums.

Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ACETOACETANILIDE (Acetylacetanilide)

$CH_3COCH_2CONHC_6H_5$. Snow-white cryst. M.P. 84°-85° C. Insol. water; sol. in dilute hydroxide solution. Uses—intermediate in the mfr. of dry colors (Hansa Yellows).
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Esor Chem Co, 205 E 42 St, N Y
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOACETIC ESTER see Ethyl Acetoacetate

ACETOACET-o-ANISIDIDE

$CH_3COCH_2CONHC_6H_4OCH_3$. M.W. 207 22. White, fine crystalline powd. M. P. 82-85°C. Uses—intermediate in the mfr. of dry colors (Hansa Yellows).
● Pkg—1 gal. cans, 5, 55 gal drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOACET-o-CHLORANILIDE

$CH_3COCH_2CONHC_6H_4CL$. M.W. 211.65. White, fine crystalline powd. M. P. not less than 102.5. Uses—intermediate in the mfr. of dry colors (Hansa Yellows).
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOACET-p-CHLORANILIDE

$CH_3COCH_2CONHC_6H_4CL$. M.W. 211.65. White, fine crystalline powd. M.P. 130-132°C. Uses—intermediate in the mfr. of dry colors (Hansa Yellows).
● Pkg—200 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOACET-p-PHENETIDIDE

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOACET-o-TOLUIDIDE

White granular powd. M.P. not less than 103.5°C; purity not less than 96% by CO_2 evolution method. Uses—intermediate in mfr. of Hansa Yellows. Grades—technical.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACETOIN see Acetyl Methyl Carbinol

ACETOL ACETATE

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13

ACETONE (Dimethylketal, Dimethylketone, Ketopropane, Proacetic Ether, Methylacetyl, Propanone)

CH_3CACH_3. Colorless, inflammable liq., fragrant, mint-like odor. Sp. gr. 0.799 (25°C). M.P.—94°C. B.P. 55.5°-57.5°C. Miscible water, alcohol, ether, ethereal salts, many oils. Uses—mfr. acetone derivatives, acetone oil, chloroform, pharmaceuticals, iodoform, sulfonal, ionone, indigo, nigrosin, quinolin, diphenylamine and azo dyes, prepared motor fuels, lubricating compositions, rayon, rubber cements, horn substitutes, photographic films and plates, cellulose acetate plastics, celluloid, pyroxylin plastics; as solvent; solvent for starches, dextrins, smokeless powd., cordite, gum, petroleum products making artificial feather, artificial perfumes, asphalt bitumens, acetate dopes and varnishes, bituminous paints, nitro-cellulose lacquers, synth. and natural waxes and resins, purifying paraffin and rubber; denaturant for industrial alcohol; extracting medium; extracting fats and oils; disinfectant; cleansing agent; storing acetylene; treating hides; dyeing cotton with aniline black; degreasing wool; degumming silk; in medicine. Grades—U.S.P.; C.P.; tech.
● Pkg—1 gal. cans, 1, 5, 30, 54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16

Eastman

acetic anhydride



Eastman acetic anhydride is widely used for acetylations requiring a stronger reactant than acetic acid. Its high quality and uniformity recommend its use also as a dehydrating agent in reactions such as nitrations and sulfonations where the removal of water is necessary. Available in drums and tank cars.

Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

CSC

ACETONE
CH_3COCH_3

Versatile Industrial Chemical

Nitrocellulose Solvent
Extractant
Pharmaceuticals
Chemical Intermediate

Industrial CSC Chemicals

Ammonia
Methanol
Methylamines
Formaldehyde
Nitroparaffins
Riboflavin Crystals
Butanol
Tributyl Phosphate
Ethyl Alcohol

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS
Corporation
260 Madison Avenue
New York 16, New York
See Our Catalog Ad

ACETONE

Low boiling, versatile solvent. Clear, colorless liquid, miscible with water and most organic liquids.

Write or phone for further information

Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

KETONES

Acetone, SOLVATONE solvent, Synthetic Methyl Acetone, Diethyl Ketone, Methyl Amyl Ketone, Methyl Isobutyl Ketone, Ethyl Butyl Ketone, Diisobutyl Ketone, Diacetone Alcohol, Acetophenone, Mesityl Oxide, Dypnone, Isophorone, Pentanedione-2,4, Acetonylacetone, and 2,6,8-Trimethyl Nonanone-4 are supplied commercially by Carbide. Ketones are intermediates for resins, dyes, and pharmaceuticals. The lower-boiling ketones are good solvents for nitrocellulose and vinyl chloride-acetate resins.

CARBIDE AND CARBON CHEMICALS COMPANY

A Division of

Union Carbide and Carbon Corporation
30 E. 42nd St. UCC New York 17, N. Y.

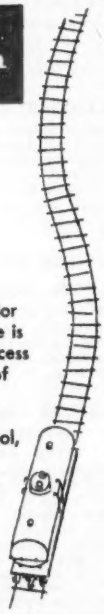
In Canada: Carbide and Carbon Chemicals, Ltd.

"Solvatone" is a trademark of UCC.

Eastman

acetone

Because of its excellent color and odor, Eastman acetone is desirable for use as a process solvent for the extraction of drugs and food products, and as a lacquer solvent. It is soluble in water, alcohol, ether and chloroform. Available in drums, and in compartmented and full tank cars.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

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ONE OF THE WORLD'S LARGEST PRODUCERS OF ALCOHOLS & SOLVENTS

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ACETONE, C. P.
BUTYL ACETATE
BUTYL ALCOHOL
DIACETONE ALCOHOL
DIBUTYL PHTHALATE
DIOCTYL PHTHALATE
ETHYL ACETATE
METHYL ETHYL KETONE
METHYL ISOBUTYL KETONE
TRIBUTYL PHOSPHATE
TRICRESYL PHOSPHATE

And a Complete Line of Agricultural Chemicals

WALLACH-GRACER EXPORT CORPORATION
Manufacturers Representatives
55 West 42nd Street
New York 36, New York

ACETONE cont'd

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Browning Chem Corp, 150 Broadway, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar, Inc, 40 Exchange Pl, N Y 5
Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Consumers Products Co, 99 Hudson St, N Y 13
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*Enjay Co, 15 W 51 St, N Y 19
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Howe & French, 99 Broad St, Boston, Mass
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Shell Chem Corp, 50 W 50 St, N Y 20
Shepard Chem Corp, 117 Liberty St, N Y 6
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ACETONE CYANOHYDRIN (a-Hydroxyisobutyronitrile)

$(CH_3)_2C(OH)CN$. M.W. 85.06. Colorless to straw-colored liq. B.P. 82°C at 23 mm. Sol. water, alcohol, ether. Uses—production of methyl methacrylate resins, solvent, organic intermediate.
●Pkg—6 gal. carboys, 380 lb. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ACETONITRILE (Methyl, Cyanide)

CH_3CN. M.W. 1405. Colorless liq. M.P. —44°C. B.P. 82°C.

●Pkg—6 lb. jugs, 30, 350 lb drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACETONYL ACETONE

$CH_3(CO)CH_2CH_2(CO)CH_3$. A colorless, water-sol. liq. B.P. 191.3°C. Solvent for cellulose acetate, with a xylene nitrocellulose dilution ratio of 1.8. A small per cent, reduces the viscosity of nitrocellulose and Vinylite resin solutions. Being a 1.4-diketone, it condenses with reagents to form ring compounds which are derivatives of furan thiophene, and pyrrole, thus providing a simple method for passing from open chain to cyclic compounds. Has a tanning effect on hides and skins.

●Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACETOPHEN see Acid, Acetylsalicylic

ACETOPHENETIDIN (Phenacetin, p-Ethoxyacetanilid)

$C_{10}H_{13}O_2N$. M.W. 179.20. White, fine crystalline powd., having no odor and a sl. bitter taste. M.P. 134.9°C. Sol. in organic solvents; sl. sol. in water. Uses—in medicines, as antipyretic and sedative. Grades—U.S.P. XI.

●Pkg—25 lb. boxes, drums.

J M Baird Co, 254 W 31 St, N Y
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Conray Products Co, 510 Ave of the Americas, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Legion Chem, 70 Wall St, N Y 5
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11
*White Cross Labs, 79 Wall St, N Y

ACETOPHENONE (Phenylmethylketone, Acetyl Benzene Hypnone)

C_8H_8O. M.W. 120.06. Colorless liq. or transparent cryst. Sp. gr. 1.02825. M.P. 20.5°C. B.P. 202°C. Insol. water; sol. alcohol, ether, chloroform oils. Uses—mfr. perfumes, pharmaceuticals, organic chemicals; in medicine.

●Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tombarel Products Corp, 12 E 22 St, N Y 10
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ACETOSAL see Acid, Acetylsalicylic

ACETOSALIC ACID see Acid, Acetylsalicylic

ACETOSOL see Acetylene Tetrachloride

KETONES

Acetone
Diacetone Alcohol
Mesityl Oxide
Methyl Ethyl Ketone
Methyl Isobutyl Ketone

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ACETOPHENETIDIN, U.S.P.

Supplied as white crystalline powder. Solubility in ethyl alcohol 95% (1:15), complete; m.p. 135.0° C. min.; ash 0.05% max.; 5% max. powder retained on 100 mesh.

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CHLORAL HYDRATE
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FINE ALKALOIDS
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N-Caproic Acid
Diphenyl Methane
Ethyl Formate (Tech.)
Ethyl Malonic Ester
Ethel Phenylacetate
Beta Ionone
Beta Ionone Pure
Isovaleric Acid
Methylheptenone
Methyl Phenylacetate
Palmitoyl Chloride
Phenylacetamide
Phenylacetic Acid
Phenylacetone
Beta Phenylathylamine Crude
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Propionyl Chloride
Propiophenone
Sodium Phenylacetate
N—Valeric Acid

MILLMASTER CHEMICAL CORP.
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MILLMASTER

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ACETYLACETANILIDE see Acetoacetanilide

ACETYL AMINO ANTIPYRINE

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Winthrop-Stearns, 1450 Broadway, N Y 18

ACETYL-p-AMINOPHENOL

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Sumner Chem Co, 6 E 45 St, N Y 17

ACETYL-p-AMINO PHENOL SALICYLATE

● Pkg—Custom packed.

*Simpson Labs Div, 120 Wall St, N Y 5
*Sumner Chem Co, 6 E 45 St, N Y 17

ACETYL BENZENE HYPNONE see Acetophenone

ACETYL CELLULOSE see Cellulose Acetate

ACETYL CHLORIDE (Ethanoyl Chloride)

CH_3COCl. M.W. 78.48. Colorless, burning liq.; strong odor, irritates the eyes. Sp. gr. 1.1051 (20°C). M.P. 112.0°C. B.P. 52°C. Sol. ether; miscible with acetone, acetic acid; reacts violently with alcohol and water. Uses—mfr. acetyl derivatives, intermediates, pharmaceuticals, synth. dyes. Grades—tech.

● Pkg—5, 6 gal. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Trubek Labs, State Hway #17, E Rutherford, N J

ACETYL CHOLINE CHLORIDE

$(CH_3)_3NClCH_2CH_2OOCCH_3$. M.W. 181.59. White odorless, hygroscopic crystals. Very sol. in cold water; insol. in ether. Uses—in pharmacy as a vaso-dilator.

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Philip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Lack Chem Co, 19 Park Pl, N Y 7
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J

N-ACETYL ETHANOLAMINE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACETYL ISOBUTYRYL

$CH_3COCOCH(CH_3)$ Yellow liq. B.P. 118°C. Partly sol. in water. Uses—flavoring. Grades—commercial.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACETYL METHYL CARBINOL (Acetoin)

CH_3-CO-CHOH-CH_3. Sl. yellow liq. with tendency to slowly change into crystalline polymer which can be converted back into monomer by careful melting of cryst. S.G. 1.016 (15°C); B.P. 140°C.-144°C. Miscible with water in all proportions. In contact with air slowly oxidizes to diacetyl. Uses—in place of diacetyl in cases where diacetyl itself is too volatile. Grades—90% acetyl methyl carbinol.

J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
*Polak's Frutal Works, Middletown, N Y

N-ACETYL MORPHOLINE

● Pkg—1 gal. cans.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACETYL OXIDE see Acetic Anhydride

ACETYL PEROXIDE

$(CH_3CO)_2O_2$. M.W. 118. Crystal clear liq.; strong odor. Sol. most organic solvents. Uses—source of free radicals in organic synthesis; catalyst for bulk polymerization; modification of oils; vulcanizing and curing agent for rubber; decolorizing agent.

● Pkg—65 lb. carboys.

*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y

ACETYLPHENOL see Phenyl Acetate

ACETYL-p-PHENYLENEDIAMINE see p-Aminoacetanilide

ACETYLPROPANE see Methyl Propyl Ketone

ACETYL PROPIONYL

$CH_3COCOCH_2CH_3$. Yellow liq. B.P. 106°-110°C. Partly sol. in water. Uses—flavors of butterscotch and chocolate type.

● Pkg—Bottles.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

3-ACETYLPYRIDINE

$C_5H_4N(COCH_3)$. M.W. 121.10. Colorless liquid. Uses—nutrition, organic synthesis.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

2-ACETYL THIOPHENE

Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23

ACETYL TRIBUTYL CITRATE

A colorless, odorless plasticizer of very low volatility and of high water resistance. Compatible with a wide variety of plastic materials such as the cellulose ethers and esters, polyvinyl and polyvinyl acetal resins, phenolics, alkyds, etc. Uses in products for injection or compression molding; also as a plasticizer in coatings.

● Pkg—25 lb. bottles, 50, 100, 500 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

ACETYL TRIETHYL CITRATE

● Pkg—25 lb. bottles, 50, 100, 500 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

ACETYLENE (Ethine)

C_2H_2. M.W. 26.02. Colorless, poisenous, inflammable gas, garlic odor. Sp. gr. 0.91. M.P. —81.5°C. B.P. —83.6°C. Sol. alcohol, acetone, water. Uses—illuminant; oxyacetylene welding; organic synthesis; mfr. acetylene tetrabromide, acetylene tetrachloride, glass, calico printing, photographic paper, colors, inks; in medicine. Grades—tech.

● Pkg—Cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
Thomas A Edison, Medical Gas Div, P O Box 15, Stuyvesant Falls, N Y
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*National Carbide Co Div, 60 E 42 St, N Y 17

ACETYLENE BLACK

Graphitic type of carbon black obtained by incomplete combustion of acetylene; apparent dens. 0.21. Uses—dry cells, thermally conductive rubber products.

*Shawinigan Products Corp, 350 5 Ave, N Y 1

ACETYLENE MONOCARBOXYLIC ACID see Acid, Propiolic

ACETYLENE TETRABROMIDE (Muthmann's Liquid, Tetrabromoethane)

$CHBr_2.CHBr_2$. White to yellow oily liq. Sp. gr. 2.973. B.P. 136°C. Insol. water; miscible alcohol, ether. Uses—as solvent; separation of mineral mixtures.

● Pkg—Gal. bottles, 5 gal. carboys.

*Bios Labs, 17 W 60 St, N Y 23
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHEMICALS ACIDS OILS ALCOHOL SOAP

Acetate of Soda	Hydrosulphite of Soda
Acetic Acid	Hypo Sulphite of Soda
Acetone	Industrial Soaps
Alums	Laundry Soaps
Anhydrous Ammonia	Lubricating Oils
Aqua Fortis	Metasilicate of Soda
Aqua Ammonia	Methanol
Barium Chloride	Methyl Chloride
Battery Acid	Muriatic Acid
Bicarbonate of Soda	Naphthalene
Bichromate of Potash	Nitrate of Soda
Bichromate of Soda	Nitric Acid
Bisulphite of Soda	Nitrite of Soda
Borax	Oleum
Boraxo	Oxalic Acid
Boric Acid	Orthodichlorbenzene
Calcium Chloride	Paradichlorbenzene
Carbon Tetrachloride	Perchlorathylene
Carbonate of Potash	Peroxide
Caustic Potash	Petrolatum
Caustic Soda	Propylene Glycol
Chloride of Lime	Potassium Cyanide
Chlorine	Sal Ammoniac
Chromic Acid	Sal Soda
Copperas	Salt
Copper Sulphate	Silicate of Soda
C P Acids	Soda Ash
Cutting Oils	Sodium Fluoride
Cyanide of Copper	Sodium Perborate
Cyanide of Soda	Stoddard Solvent
Cyanide of Zinc	Sulphate of Alumina
Denatured Alcohol	Sulphate Soda Anhydrous
Dipping Acid	Sulphide of Soda
DI Sodium Phosphate	Sulphur Dioxide
Distilled Water	Sulphuric Acid
Epsom Salt	Tetra Sodium Pyro Phosphate
Ethylene Dichloride	Textile Soaps
Formaldehyde	Trichlorethylene
Formic Acid	Tri Sodium Phosphate
Freon	V M & P Naphtha
Glauber Salt	White Oil
Hydrated Lime	Zinc Chloride
Hydrofluoric Acid	

Zinc Sulphate
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Bigelow 3-0700 to 0707

New York Telephone: Cortland 7-6440
Cable Address: NATOIL

Newburgh, N. Y., Telephone:
Newburgh 4543

Hicksville, L. I. Telephone:
Hicksville 3-6266

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

*Dow Chem Co, Midland, Mich
Fine Organics, 211 E 19 St, N Y 3
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACETYLENE TETRACHLORIDE (Acetosol, Boroform, Cellon, Tetrachloroethane)

$CHCl_2CHCl_2$. M.W. 167.85. Colorless liq. Sp. gr. 1.60 (20°/4°C). Lbs./gal. 13.19. M.P. —43.8°C. B.P. 146.3°C. V.D. (15°C) lbs./cu. ft. 0.443. Latent Heat of Vap., B.T.U./lb. 99.11. S.H., cal./kg.°C or B.T.U./lb./°F. 0.269 (20°C). Sol. Alcohol, ether; insol. water. Uses—mfr. intermediates, organic chemicals, paint and varnish removers, acetate varnishes, photographical films; denaturing alcohol; solvent for shellac, gum, camphor, sulfur, phosphorus, the halogens, oils, cellulose acetate, resins; degreasing metals prior to electroplating; in enameling; in insecticides. Grades—tech.

● Pkg—55 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Republic Chem Corp, 94 Beekman St, N Y 38

ACETYLENIC HYDROCARBONS (Alkyl Acetylene, Aryl Acetylene)

RC≡CH. Colorless gases and liq. Sol. most organic solvents. Uses—organic synthesis; plastics; fuels.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACETYLENOGEN see Calcium Carbide

ACETYLITH see Calcium Carbide

ACID 1:2:4 (1—Amino—2—Naphthol—4—Sulfonic Acid)

$C_{10}H_9NO_4S$. Pinkish-white needles. Sol. hot water. Uses—analyzing phosphates and calcium; mfr. aniline dyes. Grades—tech.

*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID, ABIETIC (Abietinic Acid)

$C_{20}H_{30}O_2$. M.W. 302.23. Yellowish-brown powd. M.P. 161°C. Sol. alcohol, benzene, ether, acetone, glacial acetic acid, carbon bisulfide; insol. water. Uses—mfr. metal resinates, varnish dryers; to assist growth of lactic and butyric acid ferments.

● Pkg—55 gal. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Legion Chem, 70 Wall St, N Y 5
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Newport Industries, 230 Park Ave, N Y 17
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

ACID, ACETIC (Vinegar Acid, Ethanoic Acid, Methanecarboxylic Acid)

CH_3COOH. Colorless liq. of pungent odor. Sp. gr. 1.049 (25°C). M.P. 16.7°C. B.P. 118.1°C. Sol. water, alcohol and ether. Uses—mfr. metallic acetates, acetyl organic derivatives, intermediates, esters, pharmaceuticals, azo dyes, methyl violet, matches, printing inks, artificial leather, aeroplane lacquers, white lead, copper pigments, varnishes, polishes, moving picture films, cellulose acetates, phenolformaldehyde resins, rayon, printing pastes; as curing agent; insecticide ingredient; in coagulating rubber latex; assist in dyeing wool and silk; in engraving; as resin solvent; electroplating reagent; in medicine. Grades—commercial dilute 6%, 28%, 30%, 36%, 56%, 60%, 70%; 80%; pure; tech. 80%; glacial 99.5%; U.S.P. glacial.

● Pkg—10 x 5 lb. bottles/case, 2 x 50 lb. cans/case, 6, 13 gal. carboys 8½, 13, 55, 100 gal. bbls., drums.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J

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ACETIC ACID, Glacial, Redistilled, Commercial and Treated Commercial and Reagent grades.

AMMONIA, Aqua, Commercial and Reagent, in a wide variety of grades and strengths.

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HYDROFLUORIC ACID, Anhydrous and in 60%, 70% and 80% strengths, and Reagent grades.

MIXED ACID, varying proportions of Nitric and Sulfuric Acids to meet customers' requirements.

MURIATIC (HYDROCHLORIC) ACID, in Standard, Diamond, Crystal (low impurities) and Reagent grades.

NITRIC ACID, Diamond Grade, practically water white and containing a minimum of impurities, in 36°, 38°, 40°, 42° Baume, 95% and fuming grades. Special Photo-engravers' Grade. Reagent A.C.S. grade noted for its uniform strength and freedom from impurities.

OLEUM, 10-65% free SO_3 content, higher on special order. Also oleums to which anti-freeze has been added.

OXALIC ACID, Commercial grades, crystals all thru 10 mesh containing a minimum of 99.5% oxalic acid. Also Reagent grade.

PHOSPHORIC ACID, Commercial and Reagent grades.

SUFAN®, Stabilized Sulfuric Anhydride.

SULFURIC ACID, in Standard, Diamond and Reagent grades.

For laboratory and fine chemical manufacturing uses, "B&A Quality" Reagent A.C.S. Acids

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Offices in Principal Cities—See Directory Section

Celanese* CHEMICALS

ACETIC ACID

ACETALDEHYDE
ACETIC ANHYDRIDE

See Celanese Catalog in Catalog Section

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acetic acid
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Sales offices in principal cities; see ad Catalog Section.

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CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

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90% · 84% · 80%
70% · 56%

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Berwick, Maine
Phone: So. Berwick 4001

ACID, ACETIC cont'd

Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
John A Chew, 60 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eastman Chem Products, Kingsport, Tenn
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
Philip A Hurt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
George J Wiesner Co, 150 Nassau St, N Y 38

ACID, b-ACETOPROPIONIC see Acid, Levulinic

ACID, o-ACETOXYBENZOIC see Acid, Acetylsalicylic

ACID, ACETYLENEDICARBOXYLIC

$HOOC{-}C{\equiv}C{-}COOH$. M.W. 114.06. White crystalline solid. Sol. water, alcohol, ether. Uses—organic syntheses, pharmaceuticals, plastics.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, ACETYLSALICYLIC (Acetosal, Acetosalic Acid, Aspirin, Acetophen, o-Acetoxybenzoic Acid, Salacetin, Vaxa)

$CH_3CO_2C_6H_4CO_2H$. White cryst. B.P. 132-135°C. Sol. alcohol, ether; sl. water. Grades—tech.; U.S.P. Uses—in pharmaceuticals; as a preservative.
●Pkg—25 lb. boxes, 25, 100, 250 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Dow Chem Co, Midland, Mich

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Fallek Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

ACID, ACETYLTANNIC (Diacetyltannic Acid, Fannyl Acetate, Acetannin, Tannigen)

Yellowish or grayish-white, odorless powd.; darkens on light exposure. Sl. sol. water, alcohol; sol. ethyl acetate. Uses—mild astringent. Grades—U.S.P.XI.

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Pfizer Chem Works, Ridgefield, N J

ACID, ACONITIC

$CH(COOH)=C(COOH)CH_2COOH$. M.W. 174.11. White to sl. yellowish cryst. M.P. 180°C (with decomp.). Sol. in water. Uses—chemical intermediate, antioxidant, in plastics.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, ACRYLIC

● Pkg—Custom packed.

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ACID, ADIPIC (Butane Dicarboxylic Acid, Adipinic Acid, Hexandioic Acid, Adipuric Acid)

$C_6H_{10}O_4$. M.W. 146.11. Colorless or yellowish cryst. M.P. 153°C. B.P. 265°C. Sl. sol. in water; sol. alcohol or ether. Mfr. oxidation of C_6H_{12} or by treatment of oleic acid and other fats with nitric acid. Uses—plasticizer; for synth. resins and other synthesis.

● Pkg—Drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mercer Chem Corp, 11 Mercer St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
*Variacoid Chem Co, 116 Broad St, N Y 4

ACID, ADIPINIC see Acid, Adipic

ACID, ADIPURIC see Acid, Adipic

ACID, ALGINIC

● Pkg—50, 100, 200 lb. drums.

*Algin Corp of America, 24 State St, N Y 4
*Bios Labs, 17 W 60 St, N Y 23
*Kelco Co, 31 Nassau St, N Y 5

ACID, ALIZARINIC see Acid, Phthalic

ACID-ALKALI-SOLVENT PROOFING COMPOUNDS

*Cole Labs, 42-25 9 St, L I C 1, N Y
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

ACID, ALKANE SULFONIC, MIXED

● Pkg—5, 25, 70 lb. carboys.

*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
Mercer Chem Corp, 11 Mercer St, N Y 13
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

ACID, ALLOMALIC see Acid, Fumaric

ACID, AMBER see Acid, Succinic

ACID, AMINOACETIC (Glycocoll, Glycine)

$CH_2(NH_2).COOH$. M.W. 75.05. Colorless, sweet cryst. M.P. 233°C. Sol. water; sl. sol. alcohol; insol. ether. Uses—mfr. varnishes; in medicine. Photographic glycine is not the aminoacetic acid but paraoxy-phenyl glycine phenyl amino-amino acetic acid.

● Pkg—1, 5 lb. bottles, 5, 25 lb. tins, 25, 50, 150 lb drums, 100 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

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ACETYLSALICYLIC ACID
(ASPIRIN)
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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ACID, AMINOACETIC cont'd

*Dow Chem Co, Midland, Mich
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
M W Hardy & Co, 141 Broadway, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E D Schaeffer Chem Co, 381 4 Ave, N Y 16
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

ACID, p-AMINOBENZENESULFONIC see Acid, Sulfanilic

ACID, p-AMINOBENZOIC ETHYLESTER see Ethyl p-Aminobenzoate

ACID, p-AMINOBENZOIC

$C_6H_4.NH_2.COOH$ (1:4). M.W. 137.10. Pale-yellow cryst. needles; acidulous, bitter taste. Sol. easily in alcohol, ether and in boiling water. M.P. 187°C. Uses—mfr. various esters and azo dyes.
● Pkg—Bottles, 25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Fisher Chem Co, 220 E 42 St, N Y 17
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mayco Chem Co, 5 Union Sq W, N Y 3
*Merck & Co, Rahway, N J
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Purocaine, Inc, Valley Rd, Hockessin, Del
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Simpson Labs Div, 120 Wall St, N Y 5
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, AMINOCAPROIC

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, a-AMINO-b-p-HYDROXYPHENYL-PROPIONIC see Tyrosine

ACID, a-AMINO-p-IMINAZOLYLPROPIONIC see Histidine Monohydrochloride

ACID, a-AMINO-ISOCAPROIC see Leucine

ACID, 1-AMINONAPHTHALENE-4-SULFONIC see Acid, Naphthionic

ACID, 1-AMINO-8-NAPTHOL-2:4 DISULFONIC see Acid, Chicago

ACID, 1-AMINO-8 NAPHTHOL-6 DISULFONIC see Acid, H

ACID, 1-AMINO-2-NAPHTHOL-4-SULFONIC see Acid 1:2:4

ACID, AMINONAPHTHOLSULFONIC 1:8:4 see Acid, S

ACID, AMINONAPHTHOL SULFONIC 2:8:6 see Acid, Gamma

ACID, 1-AMINO-2-NAPHTHOL-4-SULFONIC

*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

ACID, 2-AMINO-5-NAPHTHOL-7-SULFONIC see Acid, J

ACID, p-AMINOPHENYLARSENIC see Acid, Arsanilic

ACID, AMINO PROPIONIC

$CH_3CH(NH_2).COOH$. M.W. 89.06. M.P. 297°C. White cryst. material. Uses—in medicine, buffers, synthesis. Grades—C.P.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, p-AMINO SALICYLIC

$C_6H_3COOH(OH)(NH_2)$. M.W. 153.13 Crystalline powd. M.P. 220°C with decomp. Sol. water, alcohol; sl. sol. ether.
● Pkg—25, 50, 100 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Roland Corp, 16 Hudson St, N Y
J M Baird Co 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Sumner Chem Co, 6 E 45 St, N Y 17
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

Acid, l-AMINOSUCCINAMIC see Asparagine

ACID, AMMONIUM CARBONATE see Ammonium Bicarbonate

ACID, AMMONIUM TETRABORATE see Ammonium Borate

ACID, ANILID see Acid, Arsanilic

ACID p-ANILINESULFONIC see Acid, Sulfanilic

ACID, ANISIC (Methoxy-benzoic Acid, Umbellic Acid, Dragonic Acid, Methyl-p-Oxy-benzoic Acid)

$C_8H_8O_3$. M.W. 152.1 Colorless cryst. M.P. 184°C. B.P. 275°C. Sl. sol. water, sol. alcohol, ether. Uses—aromatic; as an antiseptic; in medicine.
● Pkg—100 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

Fine Chemicals — BPC

Aminoacetic Acid

BENZOL PRODUCTS CO.
237 SOUTH STREET NEWARK 5, N. J.

GI

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ISONICOTINIC ACID HYDRAZIDE
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BENZYL BENZOATE U.S.P. VITAMINS
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Phone: WA 4-9404

GANE & INGRAM, INC.
Manufacturing Chemists
43 West 16 Street, New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ACID, ANTHRANILIC (Acid, O-amino Benzoic)

$(NH_2)C_6H_4(COOH)$. M.W. 137.06. Yellow cryst. M.P. 144°C. Sol. water, alcohol, ether. Uses—mfr. pharmaceuticals, thiosalicylic acid, azo dyes, indigo, vat dyes, methyl anthranilate, drugs, perfumes. Grades—95-98%; 99% or better.

● Pkg—125 lb. drums, 150, 200 lb. bbls.

*Carwin Co, Stiles Lane, N Haven, Conn
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Maumee Development Co, 2 Oak St, Toledo 5, Ohio
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, ANTHRAQUINONIC see Alizarin

ACID, ANTIMONOUS, ANHYDROUS see Antimony Oxide

ACID, APPLE see Acid, Malic

ACID, ARSANILIC (Atoxylic or p-Aminophenylarsenic Acid, Acid, Anilid)

$C_6H_4.NH_2.AsO(OH)_2$. White crystalline powd. M.P. 232°C. Sl. sol. alcohol, cold water, sol. hot water, amylic alcohol, ether, solutions of alkali carbonates, dilute mineral acids; insol. acetone. Uses—mfr. arsenicals. Grades—medicinal; tech.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fisher Chem Co, 220 E 42 St, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, ARSENIC (Arsenic Pentoxide, o-Arsenic Acid)

$H_3AsO_4 . 1/2H_2O$. Colorless cryst. Sp. gr. 2-2.5°C. M.P. 35.5°C. B.P. 160°C. Sol. water; sl. sol. alcohol. Uses—mfr. arsenates, insecticidal compositions, glass; assist in dyeing and calico printing. Very poisonous. Grades—various as to purity

● Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Chipman Chem Co, Bound Brook, N J
International Selling Corp, 122 E 42 St, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17

ACID, ARSENIOUS see Arsenic White

ACID, ASCORBIC

● Pkg—2, 3, 5, 10, 25, 50 K drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gane & Ingram, 43 W 16 St, N Y 11
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Reheis Co, Snyder Ave, Berkeley Heights, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

ACID, ASPARTIC

$H_2NCH(COOH)CH_2COOH$. M.W. 133.1. White crystalline powd Sol. in acids, alkalies. Uses—intermediate in organic synthesis.

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
*National Aniline Div, 40 Rector St, N Y 6
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, AZELAIC

$COOH(CH_2)_7COOH$. M.W. 188. Solid flaked light tan material. Sol. hot water, alcohol, ether. Uses—in mfr. of plasticizers, resins, salts, perfumes and other organic chemicals.

● Pkg—75 lb. cartons

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Sapon Labs, 543 Union St, Bklyn 15, N Y

ACID, AZOTIC see Acid, Nitric

ACID, BARBITURIC (Malonyl Urea, Pyrimidinetrione)

$CO(NHCO)_2\ CH_2H_2O$. White cryst. Decomp. on heating. Sol. water, alcohol, ether. Uses—mfr. pharmaceuticals, plastics; stabilizer for H_2O_2. Grades—tech.

● Pkg—Bottles, cans.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, BATTERY see Acid, Sulfuric

ACID, BAYER'S see Acid, Monosulfonic F

ACID, BENZENECARBOXYLIC see Acid, Benzoic

ACID, o-BENZENE-DICARBOXYLIC see Acid, Phthalic

ACID, BENZENE SULFONIC

$C_6H_6O_3\ S.1\frac{1}{2}H_2O_1$. M.W. 185.2. Colorless leaflets. M.P. 65°C. B.P. 135°C. Sol. water, alcohol; insol. ether. Uses—intermediate in mfr. dyestuffs, etc.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

ACID, BENZILIC (Diphenylglycollic Acid)

$(C_6H_5)_2C(OH)COOH$. M.W. 228.13. Small white monoclinic cryst. with satiny luster. Very sol. alcohol, ether, boiling water; sl. sol. in cold water. Uses—in chemical synthesis.

● Pkg—10, 25, 50, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, BENZOIC (Phenylformic Acid, Benzenecarboxylic Acid)

C_6H_5COOH. Needle cryst. or white scales, benzoin odor. Sp. gr. 1.2659. M.P. 121.25°C. B.P. 249.2°C. Sol. alcohol, ether; sl. sol. water. U.S.P. Uses—mfr. benzoates, derivatives, pharmaceuticals, aniline blue, aniline dyes, anthraquinone dyes, toilet preps. alkyl benzoates, perfume bases; as food preservative; mordant in calico printing; curing tobacco; in medicine. Grades—U.S.P.; C.P.; tech.

● Pkg—25, 50, 100 lb. drums, 200 lb. bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16

NYQ

THE FULL LINE FINE CHEMICAL HOUSE

★

ACID ASCORBIC
ALPHA TOCOPHEROL
ACID FOLIC
ACID NICOTINIC
ACID NICOTINAMIDE
BIOTIN
CALCIUM PANTOTHENATE
PANTHENOL
PYRIDOXINE HYDROCHLORIDE
RIBOFLAVIN
SODIUM ASCORBATE
THIAMINE HYDROCHLORIDE
THIAMINE MONONITRATE
VITAMIN A SYNTHETIC
VITAMIN B_{12}

★ ★ ★ ★ ★ ★ ★

THE NEW YORK QUININE & CHEMICAL WORKS INC.

GENERAL OFFICES
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The Carwin Company specializes in the manufacture of quality intermediates.

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Quinizarin
Quinizarin-2-sulfonic acid

THE CARWIN COMPANY
NORTH HAVEN, CONNECTICUT
Phone: Atwater 8-1671

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

HOOKER®
BENZOIC ACID
HOOKER ELECTROCHEMICAL COMPANY
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MONSANTO
BENZOIC ACID
Grades: U.S.P., assay 99.5% min. (dry basis); Technical, assay 99.0% min.
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO CHEMICALS—PLASTICS

MURIATIC ACID
BENZOIC ACID
BENZALDEHYDE
BENZYL ALCOHOL
SODIUM BENZOATE
TENNESSEE PRODUCTS & CHEMICAL Corporation
General Offices: Nashville 3, Tennessee • Eastern Sales Office: 350 Fifth Avenue, New York 1, New York • Midwest Sales Office: 332 South Michigan Avenue, Chicago, Illinois

ACID, BENZOIC cont'd

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Lack Chem Co, 19 Park Pl, N Y 7
Philip J Le Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
Shepard Chem Corp, 117 Liberty St, N Y 6
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
George Uhe Co, 76 9 Ave, N Y 11
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ACID, BOLETIO see Acid, Fumaric

ACID, BORACIC see Acid, Boric

ACID, o-BORIC see Acid, Boric

ACID, BORIC (Acid, Boracic, Acid o-Boric, Fumarole Acid)

H_3BO_3. White cryst. or powd. Sp. gr. 1.4347. M.P. 184°C. Sol. water, alcohol. Uses—mfr. borates, water glass, boric esters, intermediates, optical glass, ceramic glaze, starch glaze for linen, artificial precious stones, shellac hat stiffeners, paint driers, green pigments, enamels, cosmetics, soaps, fireproofing fabrics; as food preservative; curing meats; impregnating candle wicks; dressing leather; for preparing hides; decorating iron and steel; as flux, brazing copper; fire-proofing agent for safes; finishing paper; mordant in dyeing and printing; wine preservative; buffer in electroplating; in medicine. Grades—U.S.P.; C.P.; tech.; cryst. powd.; impalpable powd. (99.5%-100%).
●Pkg—100 lb. bags, 300 lb. drums, 370 lb. bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Potash & Chem Corp, 122 E 42 St, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Browning Chem Corp, 150 Broadway, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Croton Chem Corp, 114 Liberty St, N Y 6
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2671 Guoin St, Detroit 7, Mich
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Fiber Chem Corp, P O Box 218, Matawan, N J
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
Legion Chem, 70 Wall St, N Y 5
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St L I C 1, N Y
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
L B Russell Chem, 60 Orange St, Bloomfield, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Shepard Chem Corp, 117 Liberty St, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ACID, BORIC, ANHYDROUS

(B_2O_3)

Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Merchants Chem Co, 60 E 42 St, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Joseph Turner & Co, Ridgefield, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ACID, BOROFLUOHYDRIC see Acid, Fluoboric

ACID, BROENNER'S (Acid, Naphthylamine—Sulfonic 2:6 (1)

$C_{10}H_6NH_2SO_3H.H_2O$. M.W. 241.15. Colorless needles. Sol. boiling water. Uses—mfr. dyestuffs. Grades—tech.
● Pkg—160, 175 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Sherwin-Williams Co, 100 Park Ave, N Y 17

ACID, BROMOACETIC

$BrCH_2COOH$. M.W. 139. White to pale yellow, deliq. crystalline solid. Very sol. common organic solvents. Uses—organic syntheses.
● Pkg—2 x 75 lb. bottles/case.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, BUTANE DICARBOXYLIC see Acid, Adipic

ACID, BUTANEDIOIC see Acid, Succinic

ACID, BUTANOIC see Acid, Butyric

ACID, BUTENDILIC see Acid, Fumaric

ACID, BUTENDIOIC see Acid, Maleic

ACID, a-BUTENIC see Acid, Crotonic

ACID, n-BUTYL PHOSPHATE

● Pkg—13 gal. carboys, 525 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID, BUTYL PYROPHOSPHATE

J M Baird Co, 254 W 31 St, N Y 1
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID, BUTYRIC (Acid, Ethylacetic, Acid, Butanoic, Acid, Propylformic)

$CH_3(CH_2)_2CO_2H$. M.P. 3.12°C. Colorless, oily, liq. rancid odor. Sp. gr. 0.960 (15°C). B.P. 163.5°C. Sol. water, alcohol, ether. Uses—mfr. esters and salts, essences, butter, varnishes, synth. perfumes; cellulose esters; butyrates; flavors; ketones; as flavoring agent; disinfectant; deliming hides, tanning agent. Grades—pure, 99%.
● Pkg—1 gal. cans, 5, 55, 110 gal. drums.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Henley & Co, 801 2 Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACID, CACODYLIC (Dimethyl Arsinic Acid, Kakodylic Acid)

$ASO(CH_3)_2OH$. M.W. 138.03. Colorless, odorless, sl. sour cryst. Hygroscopic in moist air. M.P. 200°C. Uses—medicine; organic synthesis; mfr. of dyes.
● Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y

ACID, CALCIUM PHOSPHATE see Calcium Phosphate (Monobasic)

ACID, CAMPHORIC

$C_8H_{14}(COOH)_2$. M.W. 200.18. Colorless, odorless cryst. Sol. water, fats, oils; insol. chloroform. Uses—medicine; mfr. celluloid and similar plastics.
● Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

ACID, CAMPHORSULFONIC

$C_{10}H_{15}O_4S$. M.W. 232. White powd. Sol. water, M.P. 200-202°C. Uses—medicinal.
● Pkg—Drums, custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Hexagon Labs, 3536 Pearl Tree Ave, N Y 69
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, CAPRIC (Decanoic Acid, Decatoic Acid, Decoic Acid, Decylic Acid)

$CH_3(CH_2)_8COOH$. White cryst.; unpleasant odor. Sp. gr. 0.886. B.P. 268-270°C. M.P. 31.5°C. Refractive index 1.42855 at 40°C. Sol. most organic solvents dilute nitric acid; insol. water. Uses—mfr. of esters for perfumes and fruit flavors. Grades—tech.
● Pkg—1 gal. jars; 55 gal. drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*E F Drew & Co, 416 Division St, Boonton, N J
*General Mills, 400 2 Ave S, Minneapolis, Minn
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACID, n-CAPROIC (Hexanoic Acid)

$C_6H_{12}O_2$. M.W. 116.16. Colorless, oily, liq. of characteristic odor. B.P. 205.1°C. Sol. most organic solvents, sl. sol. in water. Uses—mfr. perfumes, flavors, and essential oils; mfr. rubber chemicals, varnish driers, and resins, and for prep. certain medicinals. Grades—reagent.
● Pkg—Bottles, cans, 31, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*General Mills, 400 2 Ave S, Minneapolis, Minn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Welch, Holme & Clark Co, 439 West St, N Y 14

BORIC ACID
BORAX AND OTHER BORATES

BORIC ACID Technical U. S. P. { Crystal, Granular, Powdered, Impalpable, Anhydrous

Special Quality C. P. + { Granular, Powdered

BORAX
BORAX 5 MOL.
ANHYDROUS BORAX
BORAX GLASS
AMMONIUM BIBORATE
AMMONIUM PENTABORATE
POTASSIUM PENTABORATE
SODIUM METABORATE
ANHYDROUS RASORITE*
RASORITE SPECIAL CONCENTRATES
FERTILIZER BORATES*
(Regular and High Grade)

HERBICIDES
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BORASCU-44*®
CONCENTRATED BORASCU*®
POLYBOR*®
POLYBOR-CHLORATE®
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*Sodium Borate Concentrates which offer economical sources of Sodium Borate for special applications.

INFORMATION, SAMPLES AND BULLETINS SENT PROMPTLY ON REQUEST

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DIVISION OF BORAX CONSOLIDATED, LIMITED
NEW YORK • CHICAGO
LOS ANGELES • CLEVELAND
PHILADELPHIA

MANUFACTURERS OF FAMOUS 20 MULE TEAM PACKAGE PRODUCTS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ACID, CAPRYLIC (Hexylacetic Acid, Octanoic Acid, Octoic Acid, Octylic Acid, Octic Acid)

$CH_3(CH_2)_6COOH$. Colorless liq.; crystallizing below 17°C. Sp. gr. 0.9185. B.P. 235-237°C. Refractive Index 1.4285 at 30°C. Sol. water, alcohol, ether. Uses—syntheses of various dyes, drugs and perfumes. Grades—tech.

● Pkg—1 gal. jars, 55 gal. drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Chematar, Inc, 40 Exchange Pl, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*General Mills, 400 2 Ave S, Minneapolis, Minn
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

ACID, CARBAMIDE PHOSPHORIC

● Pkg—350 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1

Let us solve your

ACID CHLORIDE

problems

Propionyl Chloride
Palmitoyl Chloride
Pelargonyl Chloride
Oleoyl Chloride
Stearoyl Chloride
Lauroyl Chloride
Caproyl Chloride
Myristoyl Chloride
Coconut Fatty Acid Chloride
. . . and many others.

We can supply technical and distilled grade acid chlorides in quantities from 100 lbs. to several tons per month.

Complete, modern facilities and technical skill are ready to serve you now. Write for further information about tailor-made organic specialties and custom process work.

Genesee RESEARCH CORPORATION

961 LYELL AVE. ROCHESTER, N.Y.

*Bios Labs, 17 W 60 St, N Y 23
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jacksen Blvd, Chicago 4, Ill

ACID, CARBAZOTIC see Acid, Picric

ACID, CARBONIC see Carbon Dioxide

ACID, CARBOXYLIC see Cinchophen

ACID, CARBOXYLIC (Anhydride) see Phenolphthalein

ACID, CARBOLIC, CRYSTALS, see Phenol

ACID, CARMINIC

$C_{22}H_{20}O_{13}$≡M.W. 482.00. Dark reddish-brown or bright red powd. Uses—biological stain; reagent for aluminum; pH indicator—pH range 4.8 (yellow) to 6.2 (purple).

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*National Aniline Div, 40 Rector St, N Y 6

ACID, CASSELLA F see Acid, Monosulfonic F

ACID, CETYLACETIC see Acid, Stearic

ACID, CETYLIC see Acid, Palmitic

ACID, CHICAGO (Acid, SS, Acid, I—Amino—8—Naphthol—2:4 Disulfonic)

$C_{10}H_4(NH_2)(OH):(SO_3H)_2$ 1:8:2:4. Gray paste. Sol. water. Uses—mfr. azo dyes. Grades—tech; paste (25% min.).

● Pkg—120 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Chematar, Inc, 40 Exchange Pl, N Y 5
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID, CHLORIDE

*Genesee Research Corp, 961 Lyell Ave, Rochester, N Y

ACID, CHLOROACETIC, DI (Bichloracetic Acid, Caroxy-Methyl Chloride)

$CHCl_2COOH$. M.W. 128.93. Colorless liq., pungent odor. Sp. gr. 1.560 (25°C). B.P. 194°C. M.P.—4°C. Uses—in organic synthesis; in medicine.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Selling Corp, 122 E 42 St, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACID, CHLOROACETIC, MONO

$CH_2ClCOOH$. M.W. 94.48. Deliq., colorless cryst. Sp. gr. 1.40 (62°C). M.P. 61.2°C. B.P. 189.5°C. Uses—mfr. intermediates, dyes; in organic synthesis; in medicine. Caution: handle carefully.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Phillip Bauer Co, 608 5 Ave, N Y 20
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
International Selling Corp, 122 E 42 St, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

ACID, CHLOROACETIC, TRI

Cl_3CCOOH. Deliq. cryst., suffocating odor. Sp. gr. 1.6298. M.P. 57°C. B.P. 195°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, organic chemicals; as laboratory reagent; in medicine. Grades—tech.; USP.; C.P.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of The Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y

ACID, CHLORO BENZENE SULFONIC

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of The Americas, N Y 11
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17

ACID, o-CHLOROBENZOIC

ClC_6H_4COOH. M.W. 156.50. Colorless monoclinic. Dens. 1.544 @ 20°C. M.P. 142°C. B.P. sublimes. Sol. water, alcohol, ether.

● Pkg—100 lb. bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, p-CHLOROBENZOIC

ClC_6H_4COOH. M.W. 156.50. Colorless triclinic. Dens. 1.541 @ 25°C. M.P. 243°C. B.P. sublimes. Sol. alcohol, ether; sl. sol. water.

● Pkg—100 lb. bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACID, o-CHLORO CINNAMIC

● Pkg—100 lb drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, CHLOROHYDRIC see Acid, Muriatic

ACID, p-CHLOROPHENOXYACETIC

$ClC_6H_4OCH_2COOH$. M.W. 186.59. Colorless crystalline needles. M.P. 147°C. Sl. sol. warm water; sol. alcohol, ether.

● Pkg—Drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ACID, CHLORO PLATINIC

*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

ACID, a-CHLOROPROPIONIC

$CH_3.CHCl.CO_2H$. Colorless liq. M.P. less than —20°C. B.P. 186. Miscible water, alcohol, ether.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ACID, 5-CHLOROSALICYLIC

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, CHLOROSULFONIC (Sulfuric Chlorohydrin)

SO_2ClOH. M.W. 116.52. Brown, oily, corrosive, fuming liq. Sp. gr. 1.784. B.P. 151.5°C. Sol. water, alcohol. Uses—mfr. intermediates, rosanilins, alizarin,

HOOKER®
MONOCHLOROACETIC ACID
Technical Grade

HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

puperine, organic chemicals, synth. drugs, saccharine, military poison gas. Grades—tech. (93-95%).
●Pkg—Bbls., 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

ACID, CHLOROSULFURIC see Sulfuryl Chloride

ACID, CHOLIC (Cholalic Acid)

$C_{24}S_{40}O_5$. M.W. 408.32. Monobasic acid formed by hydrolysis of bile acids. White cryst. powd. M.P. 199°C. Insol. water; sol. alcohol or ether. Uses—cholagogue, cathartic.

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of The Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

ACID, CHROMIC (Chromic Anhydride, Chromium Trioxide)

CrO_3. Reddish-brown, deliq. cryst. Sp. gr. 2.67-2.82. M.P. 196°C. Sol. water, ether. Uses—mfr. chromates, chrome dyestuffs, electric batteries, colored glass, printing and lithographic inks; as mordant in dyeing and printing textiles; laboratory reagent; oxidizing agent; in chrome plating; process engraving; anodizing aluminum; medicine. Grades—U.S.P.; tech. (99.5-99.75%).
●Pkg—100, 400 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
Cornwell Chem Corp, 24 E 38 St, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Fiber Chem Corp, P O Box 218, Matawan, N J
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Mutual Chem Co of America, 270 Madison Ave, N Y 16
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Shepard Chem Co, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ACID, CHROMOTROPIC (Acid, 1:8 Dihydroxynaphthalene—3:6 Disulfonic)

$C_{10}H_4(OH)_2(SO_3H)_2$ 1:8:3:6. Brown paste. Sol. water. Uses—mfr. azo dyes. Grades—tech.; paste (50% min.).
●Pkg—200, 250 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Zinsser & Co, Hastings-on-Hudson, N Y

ACID, CINNAMIC

$C_9H_8O_2$. M.W. 148.11. Colorless monoclinic scales. M.P. 133°C. B.P. 300°C. Sl. sol. water; sol. alcohol, ether. Uses—organic synthesis; in perfumery; as a fixative and a stabilizer in soaps.
●Pkg—Drums.

*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, CITRACONIC

$C_5H_6O_4$. M.W. 130.1. White crystalline solid.
●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, CITRIC (Acid, Hydroxytricarballylic, 2-Hydroxy-1, 2, 3,-Propane Tricarboxylic Acid

$C_3H_4(OH)(COOH)_3H_2O$. Colorless cryst. or white powd., odorless. Natural. Sp. gr. 1.542. M.P. 153°C. Decomp. at 175°C. Sol. water, alcohol, ether. Uses—mfr. citrates, flavoring extracts, confectionery, soft drinks, sweet-meats; as silvering agent; ink ingredient; in engraving; resist in dyeing and calico printing; in medicine. Grades—U.S.P.; cryst.; powd.; C.P.
●Pkg—Boxes, bbls., drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Arnida Products Co, 15 Whitehall St, N Y 4
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mercantile Import & Export Corp, 21 E 40 St, N Y 16
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Stanalchem, Inc, 350 Madison Ave, N Y 17
Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
O J Weeks Co, 44 N Moore St, N Y 13
White Cross Labs, 79 Wall St, N Y

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CHROMIC ACID
Sodium Bichromate
Potassium Bichromate

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ANHYDROUS
Granular - Fine Granular - Powder

CITRIC ACID U.S.P.
Granular - Fine Granular - Fine Granular XX - Powder

CHAS. PFIZER & CO., INC.
630 Flushing Ave., Brooklyn 6, N. Y.
425 N. Michigan Ave., Chicago 11, Ill.
1500 Sixteenth St., San Francisco 3, Calif.
4823 Loma Vista Ave., Vernon 58, Calif.
1151 Chattahoochie Ave., N.W., Atlanta, Ga.

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*Company classifies itself as manufacturer or producer of this product. For complete list of company products: See Catalog Section

cresylic acid

o-cresol

American-British
Chemical Supplies, Inc.
180 Madison Avenue, New York 16, N. Y.
MUrray Hill 6-0661

Phenol
Naphthalene
Cresylic Acid
Ortho Cresol
Pyridine

WILLIAM D. NEUBERG CO., INC.
Chemicals
420 LEXINGTON AVE. • N. Y. 17, N. Y.
TEL. ORegon 9-2550 CABLE—"WILNEUBERG"

ACID, CLEVE'S (1:6 and 1:7 Naphthylaminesulfonic Acid)

$C_{10}H_6NH_2SO_3H$. Colorless needles. Sl. sol. water. Uses—mfr. intermediates, diaze, azo dyes. Grades—tech.

● Pkg—55 gal. bbls., drums.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6

ACID, COCONUT, MIXED

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACID, o-CRESOTINIC

$C_6H_3(CH_3).(OH).COOH$. M.W. 152. Nearly white, crystalline material, resembling salicylic acid in appearance. B.P. sublimes. Sol. in most organic solvents; sl. sol. water. M.P. 163.0-165.0°C. Uses—as a dye intermediate.

● Pkg—150, 225 lb. bbls., drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Riches-Nelson, 342 Madison Ave, N Y 17

ACID, CRESYLIC Mixture of Ortho, Meta and Para Cresols; (Cresyl; p-Cresylol; Methyl Phenol)

$CH_3C_6H_4OH$. Straw to brown-red colored liq., phenolic odor. Sp. gr. 1.015 to 1.045. M.P. 80°C. B.P. 185-230°C. Sol. water, ammonia, glycerine, caustic soda, petroleum spirit. Uses—mfr. cresols, disinfectants, sheep dips, flotation, synth. resins; in medicine; gasoline gum inhibitor, mfr. lubricating oils. Grades—95% dark; 87-99% straw; 95-97% decolorized. Tar acid % min. 97%; distillation range °F., 383-

CRESYLIC ACID

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important in the manufacture of—

Phenolic Resins
Tricresyl Phosphates
Surface Coatings
Flotation Agents
Disinfectants
Insecticides
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Carbon Removers
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Sales & Chemicals Corp.
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MUrray Hill
7-5651

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

455; water, % max. 0.5%; phenol min. %, oil and napthaline, max., %, 5%.
●Pkg—5, 55 gal. bbls., drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chematar, Inc, 40 Exchange Pl, N Y 5
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Concord Chem Co, 80 E 2 St, Moorestown, N J
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
William S Gray & Co, 342 Madison Ave, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Commodities Corp, 11 Mercer St, N Y 13
Koion Trading Co, 15 Park Row, N Y 38
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Merichem Co, 3101 Fannin St, Houston 4, Tex
*Mercer Chem Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
*Shell Oil Co, 50 W 50 St, N Y 20
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Ben P Steele Co, 342 Madison Ave, N Y 17
*Tar Residuals, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Co, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

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Manufacturers Of:

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CRESYLIC ACIDS

CRESOLS: U.S.P., Ortho, Meta, Para, and special fractions—to all specifications.

CRESYLIC ACIDS: Standard grades to meet all specifications.

PHENOLS: Pure grades with melting points, 39°C., 39.5°C., and 40°C.; technical grades containing 82-84% and 90-92%; or to buyer's specifications.

TAR ACIDS, HIGH BOILING.

TAR ACID OILS: All grades.

XYLENOLS: (Low-boiling, High-boiling, Symmetrical) 1, 3, 5-Xylenol, 1, 2, 4-Xylenol, 1, 3, 4-Xylenol, and 1, 4, 2-Xylenol.

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cresylic acid

cresols — xylenols

high boiling tar acids

tar acid oil

naphthalene — *all grades*

pyridine — alpha picoline

other related products

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LE 2-9414

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Flotation Grades Resin Grades
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1. Meta Para Cresol 2. U.S.P. Cresol
3. Resin Cresol 4. Ortho Cresol
5. Cresylic Acid
99% minimum purity

Write for further information about Koppers Cresylic Acids. We'll send you data on specific grades and sizes of containers available.

KOPPERS COMPANY, INC.
Tar Products Division
PITTSBURGH 19, PA.

KOPPERS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ACID, CRESYLIC cont'd

United Sterling Corp, 350 5 Ave, N Y 1
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ACID, CROTONIC (1-Carboxy-propylene, a-Butenic Acid, Transcrotonic Acid)

$CH_3CH:CH.COOH$. Colorless cryst. Alpha, Sp. gr. 0.973. M.P. 72°C. B.P. 185°C. Sol. water. Beta, Sp. gr. 1.031. M.P. 15.5°C. Decomp. at 170°C. Uses—mfr. esters, resins; to prevent sedimentation and gelatinization of naphthenate, linoleate, and resinate driers in volatile organic solvents.
● Pkg—100 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
American-British Chem Supplies, 180 Madison Ave, N Y 16
Barclay Chem Co, 75 Varick St, N Y 13
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13

ACID, CYANHYDRIC see Acid, Hydrocyanic

KAY-FRIES
cyanoacetic acid
(also the esters and amide)
dichloro-acetic acid
(also the esters)
American-British Chemical Supplies, Inc.
Selling Agents For
KAY-FRIES CHEMICALS, INC.
180 MADISON AVENUE
NEW YORK 16, N. Y.
MUrray Hill 6-0661

ACID, CYANOACETIC (Cyanoethanoic Acid, Malonic Mononitrile)

$CNCH_2COOH$. M.W. 85.06. White cryst. M.P. 145-146°C.
● Pkg—5 lb. bottles, 25, 50, 125 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American-British Chem Supplies, 180 Madison Ave, N Y 16
Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Kay-Fries Chem, 180 Madison Ave, N Y 16

ACID, CYANOETHANOIC see Acid, Cyanoacetic

ACID, CYCLOPROPANE CARBOXYLIC

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
J M Baird Co, 254 W 31 St, N Y 1
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, DECANE DICARBOXYLIC see Acid, Sebacic

ACID, DECANOIC see Acid, Capric

ACID, DECOIC see Acid, Capric

ACID, DECYLIC see Acid, Capric

ACID, DEHYDROACETIC (Methylacetopyronone, 3-Acetyl-6-Methyl-2,4-Pyrandione)

$CH_3COCHCOCH:C(CH_3)OCO$. M.W. 168. White, colorless, rhombic scales. M.P. 108.5°C. B.P. 269.9°C. Sol. alcohol, ether. Compatible with nitrocellulose, polystyrene, methacrylate, vinylite resins. Uses—intermediate in chemical synthesis, plasticizer.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

ACID, DEHYDROCHOLIC

$C_{24}H_{34}O_5$. M.W. 402.31. A split product of cholic acid, obtained by treatment with nitric acid.
● Pkg—5 lb. bottles, 25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

ACID, DELTA see Acid, Monosulfonic F

ACID, DEXTRONIC see Acid, Gluconic

ACID, DIALLYLBARBITURIC (Dial)

$C_{10}H_{12}O_3N_2$. M.W. 208.2. White, cryst. powd. Colorless, shining scales. M.P. 171°C. Sl. sol. water; sol. alcohol, ether. Uses—medicinally as a hypnotic and sedative.
● Pkg—5 lb. tins, 25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
Lack Chem Co, 19 Park Pl, N Y 7
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, 1-DIAZO-2-NAPHTHOL-4-SULFONIC

*Antara Chem Div, 435 Hudson St, N Y 14
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*National Aniline Div, 40 Rector St, N Y 6

ACID, 3,4-DICHLORO BENZENE SULFONIC

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, 2,4-DICHLOROBENZOIC

$Cl_2C_6H_3COOH$. M.W. 191. Needles. Sol. ethyl ether, chloroform, benzene, hot water. Sublimes. Uses—synthesis of dyes, pharmaceuticals, other organic chemicals.
● Pkg—100 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, 3,4-DICHLOROBENZOIC

$Cl_2C_6H_3.CO_2H$. M.W. 191. Colorless needles. Very sol. alcohol; sol. hot water.
● Pkg—100 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACID, 2,4-DICHLOROPHENOXYACETIC

$C_6H_3(OCH_2COOH)(Cl)_2$-1,2,4. M.W. 221. White to pale yellow crystalline powd. Sol. acetone, ether, methanol; very sl. sol. enzene, carbon tetrachloride, n-heptane, water. Uses—formulating weed killing compounds.
● Pkg—100, 200, 250 lb. drums.

California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
John Powell & Co, 1 Park Ave, N Y 16
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Stauffer Chem Co, 420 Lexington Ave, N Y 17
Ben P Steele Co, 342 Madison Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ACID, DIETHYLACETIC see Acid, 2-Ethyl Butyric

ACID, DIGALLIC see Acid, Tannic

ACID, DIGLYCOLIC

$HOOCCH_2OCH_2COOH$. M.W. 134.09. White crystalline solid. M.W. 148°C. Sol. water, lower alcohol, acetone, dioxane. Uses—mfr. of alkyd resins, plasticizers, laminating resins; in metal cleaning baths; masking agent for chrome liquors in leather tanning.
● Pkg—50 lb. bags.

Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del

ACID, DILINOLEIC

● Pkg—55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Emery Industries, Carew Tower, Cincinnati 2, Ohio

ACID, DIPHENYL ACETIC

$C_{14}H_{12}O_2$. M.W. 212.17. Colorless needles. M.P. 148. Sol. hot water, alcohol, ether.
● Pkg—50, 100 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5

CRESYLIC ACID
ALL GRADES AND OTHER CHEMICALS, SOLVENTS AND COAL TAR PRODUCTS
REPUBLIC CHEMICAL CORP.
94 Beekman Street, New York 38
Cable Address: Jaynivrad
REPUBLIC CHEMICAL CORPORATION SYMBOL OF QUALITY

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*B L Lemke & Co, 199 Main St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ACID, 2,4-DIHYDROXY BENZOIC see Acid, b-Resorcylic

ACID, DIHYDROXY-BUTANEDIOIC see Acid, Tartaric

ACID, 1:8 DIHYDROXYNAPHTHALENE-3:6 DISULFONIC see Acid, Chromotropic

ACID, DIHYDROXYSUCCINIC see Acid, Tartaric

ACID, DIPHENYLGLYCOLLIC see Acid, Benzilic

ACID, DIPPING see Acid, Sulfuric

ACID, DITHIOSALICYLIC

*Maumee Development Co, 2 Oak St, Toledo 5, Ohio

ACID, ELAIDIC see Acid, Oleic

ACID, DRAGONIC see Acid, Anisic

ACID, ETHALIC see Acid, Palmitic

ACID, ETHANDIOIC see Acid, Oxalic

ACID, ETHANOIC see Acid, Acetic

ACID, o-ETHOXYBENZOIC

*Bios Labs, 17 W 60 St, N Y 23
*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, p-ETHOXYBENZOIC

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, 3-ETHOXY PROPIONIC

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, ETHYLACETIC see Acid, Butyric

ACID, 2-ETHYL BUTYRIC (Diethylacetic Acid)

$C_6H_{12}O_2$. M.W. 116.16. Colorless liq. B.P. 194.0°C. Sp. gr. 0.917-0.922 (20°C). Uses—synthesis of esters for use as plasticizers; intermediate in mfr. drugs, dyestuffs, and special chemicals. Grades—reagent.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACID, ETHYLENE DICARBOXYLIC see Acid, Maleic

ACID, ETHYLENE DIAMINE TETRACETIC

$(HOOCCH_2)_2N(CH_2)_2$. M.W. 292. White crystalline powd. Sl., sol. water. Uses—complexing agent for alkali earths and heavy metals.

*Airose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, 2-ETHYLHEXOIC

$C_8H_{16}O_2$. M.W. 144.20. Colorless liq. of mild odor. B.P. 226.9°C. Sp. gr. 0.904-0.909 at 20°C. Sol. in most organic solvents. Uses—mfr. plasticizers, detergents, emulsifying agents and in formulation of varnish-driers. Grades—reagent.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ACID, ETHYLENEDICARBOXYLIC see Acid, Succinic

ACID, ETHYLENESUCCINIC see Acid, Succinic

ACID, ETHYLIDENELACTIC see Acid, Lactic

ACID, F see Acid, Monosulfonic F

ACID, FLUOBORIC (Borofluohydric Acid)

HBF_4. M.W. 87.33. Colorless liq. Sol. water, alcohol. Grades—42% solution.
● Pkg—Drums.

See also ad under HYDROGEN FLUORIDE

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I

ACID, FLUORHYDRIC see Acid, Hydrofluoric

ACID, FLUOROPHOSPHORIC

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla

ACID, FLUOSILICIC see Acid, Hydrofluosilicic

ACID, FLUOSULFONIC

HSO_3F. M.W. 100.06. Oily liq.; fumes in moist air. Uses—alkylation catalyst; in prep. of boron trifluoride, alkali salts of fluosulfonic acid, aromatic sulfonyl fluorides and of alkyl fluosulfonates.
● Pkg—20, 55 gal. drums.

*General Chem Div, 40 Rector St, N Y 6
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla

ACID, FOLIC

A probable B-vitamin. Present in animal tissues and green leaves. Important in yeast nutrition.
● Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
European Chem Co, 366 Broadway, N Y 13
Failek Products Co, 163 Broadway, N Y 6
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*Nordmark Chem Co, 73-12 187 St, Flushing, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

ACID, FORMIC (Acid, Hydrogen Carboxylic, Acid, Methanoic)

HCOOH. Colorless liq., pungent odor. Sp. gr. 1.2178. M.P. 8.3°C. B.P. 100.8°C. Sol. water, alcohol, glycerin, ether. Uses—mfr. formates, organic esters, oxalic acid, aromatic formates; silvering agent; deliming agent; preserving hides; mordant in dyeing and printing textiles; fermentation assist; in electro-plating; in medicine. Grades—tech.; U.S.P.; also various strengths in solution.
● Pkg—65, 100, 125 lb. carboys, 525 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

REAGENT ACIDS

FOR PROCESS OR LABORATORY USE

Acetic	Hydrofluoric	Phosphorous
Acetic, Glacial	Hydrofluosilicic	Phosphotungstic
Arsenic, Anhydride	Hypophosphorous	Phthalic, Anhydride
Arsenic, Crystal	Iodic	Picric
Arsenious	Lactic	Pyrogallic
Benzoic	Molybdic	Salicylic
Boric	Monochloracetic	Silicic
Carbolic	Nitric (C. P.)	Silico-Tungstic
Chloroplatinic	Nitric, Fuming	Succinic
Chromic	Nitric, Red Fuming	Sulfanilic
Fluoboric	Oxalic	Sulfuric (C. P.)
Fluosulfonic	Perchloric	Sulfuric, Fuming
Formic, 98-100%	Phosphomolybdic	Sulfurous
Hydriodic	Phosphoric, Meta	Tannic, Light
Hydrobromic	Phosphoric, Anhydride	Trichloracetic
Hydrochloric (C. P.)	Phosphoric, Ortho	

Write for 264-page book of B&A Products
Offices in Principal Cities—See Directory Section

OTHER PRODUCTS — SEE INSIDE BACK COVER

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Reagents and Fine Chemicals

GENERAL CHEMICAL DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.
CABLE ADDRESS: "LYCURGUS" NEW YORK, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

FORMIC ACID

SODIUM FORMATE

ALUMINUM FORMATE

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VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago 4, Ill.
Phone: HArrison 7-3541

VICTOR
Dependable Name in Chemicals
for 56 Years

ACID, FORMIC cont'd

Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sterone Corp, 250 W 57 St, N Y 19
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*White Cross Labs, 79 Wall St, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ACID, FUMARIC (Acid, Allomalic, Acid Boletio, Acid, Butendioic, Acid, Lichenic)

$HC(COOH)_2CH$. M.W. 116.03. Colorless small prisms. Sp. gr. 1.635. M.P. 286-287°C. Sublimes over 200°C. Sol. alcohol, hot water, ether. Uses—mfr. intermediates, organic chemicals; as mordant in dyeing textiles. Grades—cryst.; tech.
● Pkg—25, 50, 100, 250 lb. drums, 275 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*National Aniline Div, 40 Rector St, N Y 6
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Frank Samuel & Co, 24 State St, N Y 4

ACID, FUMAROLE see Acid, Boric

ACID, FUMING SULFURIC see Oleum

ACID, FUROIC (Acid, Pyromucic)

C_4H_3OCOOH. M.W. 112.03. Light gray solid which forms white cryst. from hot water. M.P. 131-3°C. Acidity 99.0-99.5%. Sol. in most common organic solvents; very sol. in hot (90°C) water. Uses—prep. of furan, halogenated furoic acid, halogenated furans, bactericides, and fungicides. Grades—tech.
● Pkg—5, 10, 25, 50 lb. pkgs., 10 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill

ACID, GALLIC (Acid, Trioxybenzoic, Acid, Trihydroxybenzoic)

$C_6H_2(OH)_3CO_2H.H_2O$. 3:4:5. Colorless or sl. yellow cryst., needles or prisms. Sp. gr. 1.694. M.P. 222-240°C. with decomposition. Sol. alcohol, sl. sol. water, ether. Uses—mfr. gallates, pyrogallol, alizarine, thioflavine and gallo-cyanine dyes, writing inks; medicine; as photographic developer; mordant in dyeing; in engraving; tanning. Grades—U.S.P.; tech.
● Pkg—25, 100, 200, 250 lb. drums, bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

ACID, GALLOTANNIC see Acid, Tannic

ACID, GAMMA (G Acid, Aminonaphthol Sulfonic Acid, 2:8:6)

$C_{10}H_5(OH)(NH_2)(SO_3H)$. White cryst. Sl. sol. water. Sol. ether, alcohol. Uses—mfr. azo dyes. Grades—tech.
● Pkg—150 lb., 55 gal. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID GAS, ABSORBENT

*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del

ACID, GENTISIC (2,4-Dihydroxybenzoic Acid)

$(OH)_2C_6H_3COOH$. M.W. 154.12. Crystalline needles. M.P. 199-200°C. Sol. water, alcohol, ether; insol. carbon disulfide, chloroform, benzene.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Philip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, GLUCONIC (Acid, Dextronic)

$C_6H_{12}O_7$. M.W. 196.09. Syrup. Sol. water; insol. alcohol. Uses—in medicine, tanning; ingredient of metal polishes. Grades—C.P.; tech.
● Pkg—5, 25, 50 lb. bottles, 500 lb. drums.

Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton N J

ACID, GLUCURONIC

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Rosenthal Bercow Co, 25 E 26 St, N Y

FINE HEYDEN CHEMICALS

formic acid
90% and 85%

Serves in many fields, including textile, leather, pharmaceutical and chemical manufacturing. Shipped in 65 and 125 lb. carboys and 525 lb. stainless steel drums.

sodium formate

Has proved its value in the dyeing, tanning, paper and chemical industries. Shipped in 300 lb. fiber drums.

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342 MADISON AVENUE, NEW YORK 17, N.Y.
Chicago • Philadelphia • San Francisco • Detroit • Providence

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ACID, GLUTAMIC (Aminoglutaric, or n-Amino Pyrotartaric Acid)

$COOH.CH_2CH_2CH(NH_2)COOH$. M.W. 147.11. White, crystalline powd. Flat taste, peculiar after-taste. Sol. alkalies and dilute acids; sl. sol. water, alcohol, benzene, ether. M.P. 202-203°C.
● Pkg—25, 50, 100 lb. drums.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
Phillip Bauer Co, 608 S Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Cole Labs. 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr, Chicago 6, Ill
*Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
O J Weeks Co, 44 N Moore St, N Y 13
George J Wiesner Co, 150 Nassau St, N Y 38
*Winthrop-Stearns, 1450 Broadway, N Y 18

ACID, GLUTAMIC HYDROCHLORIDE (Acidulin)

$HOOC(CH_2)_2CH(NH_2)COOH.HCl$; Vel. Wt. 183.54; white, cryst. solid; on contact with water gives off HCl. Sp. gr. 1.525. M.P. 202 to 213°C. Sol. in water. Keep dry. Uses—medicine.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 S Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr, Chicago 6, Ill
*Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, GLUTARIC (n-Pyrotartaric Acid)

$COOHCH_2.CH_2.CH_2COOH$. M.W. 132.09. Colorless, odorless cryst.
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sapon Labs, 543 Union St, Bklyn 15, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, GLYCERIC

$C_3H_6O_4$; M.W. 106.1. Colorless syrup-like liquid. Sol. in water, alcohol or ether. Occurs in two stereoisomeric forms as d-and l-acid. Useful in investigation of muscle physiology.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Bios Labs, 17 W 60 St, N Y 23
*Concord Labs, 292 Main St, Cambridge 42, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, GLYCEROPHOSPHORIC

$C_3H_5(OH)_2OPO_3H_2$. M.W. 172.09. Colorless oily liq. M.P.—20°C. Dibasic acid occuring as oily liq. and constituent of lecithins and nerve tissues. Uses—mfr. derivatives; in medicinal preps.
● Pkg—5 lb. bottles, 43, 100 lb. carboys.

*Bios Labs, 17 W 60 St, N Y 23
*Cole Labs, 42-25 9 St, L I C 1, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

ACID, GLYCOLIC

$CH_2OHCOOH$. Colorless cryst. M.P. 78° to 79°C. Sol. water, alcohol, ether. Uses—starting point in mfr. of the menthol and quinine esters of glycolic acid; dyeing cotton fabrics with aniline black; substitute for tartaric acid in printing of cotton fabrics. Grades—tech. Cont.—kegs.
● Pkg—500 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Polychemical Co, 494 Huntspoint Ave, N Y 59

ACID, GLYCOLIC PHENYL ETHER see Acid, Phenoxy Acetic

ACID, H (1—Amino—8 Naphthol—3:6 Disulfonic Acid)

$C_{10}H_4(OH)(NH_2)(SO_3H)_2$. 1:8:3:6. Gray powd. Sol. water, alcohol, ether. Uses—mfr. azo dyes. Grades—tech. (80-85%). Cont.—bbls. (300, 350, 385 lbs.). Tariff, 7c + 40%.
● Pkg—260 lb. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*Kingston Chem Co, 15 William St, N Y 5
*National Aniline Div, 40 Rector St, N Y 6
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Sterone Corp, 250 W 57 St, N Y 19

ACID, HEXADECYLIC see Acid, Palmitic

ACID, HEXAHYDROBENZOIC see Acid, Naphthenic

ACID, HEXANDIOIC see Acid, Adipic

ACID, HEXANOIC see Acid, n-Caproic

ACID, HEXYLACETIC see Acid, Caprylic

ACID, HYDRIODIC (Hydrogen Iodide)

HI. M.W. 127.93. Fuming liq. Sp. gr. 4.3737. M.P. —50.8°C. B.P. —35.5°C. Sol. water. Uses—mfr. iodides, intermediates, pharmaceuticals, dyes, perfumes; as general disinfectant; laboratory reagent; in medicine. Grades—U.S.P. (10% solution); tech. 49 deg. Baume.
● Pkg—25, 75 lb. carboys.

*American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kingston Chem Co, 15 William St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ACID, HYDROBROMIC (Hydrogen Bromide)

HBr. M. W. 80.92. Colorless or sl. yellow fuming liq. Sp. gr. 2.71 (gas). M.P. —86°C. B.P. —67.0°C. Miscible water, alcohol. Uses—mfr. bromides, intermediates, dyes, perfumes, pharmaceuticals; as laboratory reagent; in photography; medicine. Grades—tech. 48%, 40%, dilute (10%) solutions; U.S.P.; C. P.
● Pkg—5, 6, 12, 13 gal. carboys.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J T Baker Chem Co, Phillipsburg, N J
Ciba Co, 627 Greenwich St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17

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Gluconic Acid and Derivatives

Feedgrade Chemicals

ACID, HYDROCHLORIC see Acid, Muriatic

ACID, HYDROCYANIC (Acid, Prussic, Acid, Cyanhydric, Hydrogen Cyanide, Formonitrile, HCN)

HCN. M.W. 27.02. Colorless, very volatile liq., bitter almond odor. Sp. gr. 0.9483. M.P. —14°C. B.P. 26.1°C. Sol. water, alcohol, ether. Uses—mfr. intermediates; as disinfectant for soils, plants, fruit and citrus trees, tobacco and stored grains; disinfectant in food plants; in fumigation of buildings; as laboratory reagent; in medicine. Grades—tech; 10% and 5% sol.; U.S.P. (2%).
● Pkg—75 lb. cylinders, drums.

*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*J M Baird Co, 254 W 31 St, N Y 1
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex

ACID, HYDROFLUORIC (Acid, Fluorhydric, Hydrogen Fluoride, Acid, Pthoric)

HF. M.W. 20.01. Colorless, fuming, corrosive liq. Sp. gr. 0.95 (gas). M.P. —92.3°C. B.P. 19.44°C. Sol. water. Uses—mfr. fluorides, inorganic chemicals, asbless filter paper; in etching glass; etching physical instruments; fermenting yeast; treating ceramics; purifying sugar; as laboratory reagent; electroplating reagent; antiseptic in brewing. Grades—C.P.; fuming; tech.; 62%, 52%, 48%, 40%, 30%; dilute (2%).
● Pkg—Drums—tech, Cylinders—Anhydrous.

See Ad on Page 389

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstaline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J T Baker Chem Co, Phillipsburg, N J
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
E & F King Co, 640 Pleasant St, Norwood, Mass
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Available from Du Pont

Hydroxyacetic Acid

Available as a 70% technical solution, offering low cost plus safety in critical operations such as pH control and textile dyeing.

For information write E. I. du Pont de Nemours & Co. (Inc.), Polychemicals Dept. 6053, Wilmington 98, Delaware.

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POLYCHEMICALS DEPARTMENT

ACID HYDROFLUORIC, continued

McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ACID, HYDROFLUOSILICIC (Sand Acid, Hydrosilicofluoric Acid, Silicofluoric Acid, Fluosilicic Acid)

H_2SiF_6. Transparent, colorless, fuming liq. Decomp. on heating. Sol. water. Uses—mfr. tech. paints; in treating ceramic products; electro-plating; hardening cement; cement products; gypsum; concrete; as general disinfectant; preservative wood; oil pigments. Grades—C.P.; (35%).
● Pkg—125 lb. drums, 500 lb. bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Dehls & Stein, 237 South St, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
McKesson & Robbins, 155 E 44 St, N Y

ACID, HYDROGEN CARBOXYLIC see Acid, Formic

ACID, HYDROSILICOFLUORIC see Acid, Hydrofluosilicic

ACID, HYDROSULFURIC see Hydrogen Sulfide

ACID, HYDROXYACETIC

*E I du Pont de Nemours & Co, Polychem Div, Wilmington 98, Del

ACID, m-HYDROXYBENZOIC

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*Simpson Labs Div, 120 Wall St, N Y 5

ACID, o-HYDROXYBENZOIC see Acid, Salicylic

ACID, p-HYDROXYBENZOIC

OHC_6H_4COOH. M.W. 138.05. White free-flowing powd. M.P. 213°C. Sl. sol. in dilute alkaline solutions. Uses—intermediate for prep. of fungicidal esters and salts; dye intermediate.
● Pkg—25, 50, 300 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Carwin Co, Stiles Lane, N Haven, Conn
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, b-HYDROXYBUTYRIC

$CH_3CHOHCH_2COOH$. M.W. 104.10. Hygroscopic syrup. B.P. 130°C at 12 mm.
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, b-HYDROXY NAPHTHOIC (3-Hydroxy-2-Naphthoic Acid)

$C_{10}H_6OHCOOH$. Yellow rhombic leaflets. M.P. 217.5° to 219°C. Sol. alcohol and ether. Uses—dyes. Grade—tech.
● Pkg—200, 250 lb. bbls., drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div, Bound Brook, N J
*Carwin Co, Stiles Lane, N Haven, Conn
Distillation Products, Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*National Aniline Div, 40 Rector St, N Y 6
*Pfister Chem Works, Ridgefield, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

ACID, p-HYDROXYPHENYL-a-AMINOPROPIONIC see Tyrosine-l, Natural

ACID, 2-HYDROXY-1,2,3,-PROPANE TRICARBOXYLIC see Acid, Citric

ACID, a-HYDROXYPROPIONIC see Acid, Lactic

ACID, HYDROXYQUINOLINE SULFATE

*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fisher Chem Co, 220 E 42 St, N Y 17
*Polychemical Co, 494 Huntspoint Ave, N Y 59

ACID, 12-HYDROXY STEARIC

● Pkg—100 lb. bags.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*W C Hardesty Co, 41 E 42 St, N Y 17
Hummel Chem Co, 90 West St, N Y 6

ACID, HYDROXYSUCCINIC see Acid, Malic

ACID, HYDROXYTRICARBALLYLIC see Acid, Citric

ACID, HYPOPHOSPHOROUS

● Pkg—5, 13 gal. carboys.

*Bios Labs, 17 W 60 St, N Y 23
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID, IMINODIACETIC

*Airose Chem Co, Box 1294, Providence 1, R I
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, IMINOTRIACETIC

● Pkg—250 lb. drums.

*Airose Chem Co, Box 1294, Providence 1, R I
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, INDOLEACETIC (Indole 3-Acetic Acid)

$C_8H_6NCH_2COOH$. M.W. 175.07. White leaflets or crystalline powd. M.P. 164-5°C. Sol. alcohol, acetone, ether; very sl. sol. cold water. Uses—plant hormone.
● Pkg—Bottles, drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

ACID, IODIC

HIO_3. M.W. 175.93. Colorless or sl. yellow cryst. or powd. Uses—as oxidizer in analysis or synthesis, in medicine.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

ACID, IODOACETIC (Iodoethanoic Acid)

ICH_2COOH. M.W. 185.94. White or sl. yellow cryst. M.P. 84°C. Uses—medicinal (as the sodium salt in the detection of cancer.)

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ACID, ISOBUTYLFORMIC see Acid, Isovaleric

ACID, ISOBUTYRIC

$(CH_3)_2CH.COOH$. Colorless liq. B.P. 154.4 C. F.P. —47°C.; Sp. gr. 0.946-C-950 at 20/20°C. Uses—mfr. of esters for solvents, flavors, and perfume bases; as a disinfecting agent; in varnish; in defiming hides; as a tanning agent.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

ACID, ISONICOTINIC, HYDRAZIDE

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hoffman-La Roche, Nutley 10, N J
*Schering Corp, 2 Broad St, Bloomfield, N J
*Toelle Chem Co, R D 1, Box 75, Newton N J
*White Cross Labs, 79 Wall St, N Y
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

ACID, ISOVALERIC (Acid, Isobutylformic)

$CH_3CH(CH_3)CH_2COOH$. M.W. 102.08. Colorless liq. B.P. 176°C. Sp. gr. 0.931. Sl. sol. water; miscible alcohol, ether. Uses—syntheses flavors, perfumes. Cont.—bottles, carboys. See also Acid, Valeric.
● Pkg—Drums, carboys.

Conray Products Co, 510 Ave of the Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Frank Samuel & Co, 24 State St, N Y 4
*Trubek Labs, State Hway #17, E Rutherford, N J

ACID, ITACONIC

$CH_2:C(COOH)CH_2COOH$. M.W. 130. White, odorless cryst. Sol. alcohols, acetone. Uses—resins, chemical intermediate.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ACID, J (Acid, 2—Amino—5—Naphthol —7—sulfonic)

$C_{10}H_9NO_4S$. Gray or white cryst. Sol. hot water; sl. sol. cold water. Uses—mfr. diazo dyestuffs. Grades—tech.
●Pkg—150 lb., 55 gal. bbls., drums.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fallek Products Co, 163 Broadway, N Y 6
*National Aniline Div, 40 Rector St, N Y 6
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID, KAKODYLIC see Acid, Cacodylic

ACID, KETOGLUTARIC

●Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Concord Labs, 292 Main St, Cambridge 42, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, KOCH (Acid, 1—Naphthylamine 3:6: 8 Trisulfonic)

$C_{10}H_4(NH_2)(SO_3H)_3$. 1:3:6:8. Light-colored paste. Sol. water. Uses—mfr. dyestuffs. Grades—tech.; paste (45% min.)

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fallek Products Co, 163 Broadway, N Y 6
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass

ACID, LACTIC (Acid, α-Hydroxypropionic, Acid, Ethylidenelactic, Milk Acid)

$CH_3CHOHCOOH$. Colorless or yellowish syrupy liq. Sp. gr. 1.2485. M.P. 18°C. B.P. 119°C. Sol. water, alcohol, ether; insol. benzol, carbon bisulfide. Uses—mfr. lactates, organic esters, pharmaceuticals, bread, fruit essences, extracts, syrups, confectionery, yeast; as laboratory reagent; finishing agent; discharge in Turkey red dyeing; flux for soft solder; as assist in dyeing silks and other textiles; mordant in dyeing and calico printing; in deliming hides; vegetable tanning; bating and plumping feathers; hat dyeing; in medicine. Grades—C.P.; U.S.P. (85%); U.S.P. VIII (75%); dilute (15%); tech., 22%, 44%, 66%, 80%, light and dark.
●Pkg—5, 10 gal. jugs, 6, 13 gal. carboys, 55 gal. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Maize Products Co, 100 E 42 St, N Y
*J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
*Clinton Foods, Clinton, Iowa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Mills, 400 2 Ave S, Minneapolis, Minn
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
Charles Page & Co, 50 E 42 St, N Y 17
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sheffield Co, P O Box 630, Norwich, N Y
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
Welch, Holme & Clark Co, 439 West St, N Y 14

ACID, LACTOBIONIC

*Bios Labs, 17 W 60 St, N Y 23
*Sheffield Chem Co, P O Box 630, Norwich, N Y

ACID, LAURENT'S (Acid—1—Nitronaphthalene: 5—Sulfonic)

$C_{10}H_4(NO_2)(SO_3H)$. Yellow needles. Sol. water, alcohol, ether. Uses—mfr. azo dyes. Grades—tech.
●Pkg—125 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6

ACID, LAURIC (Acid, Laurinic, Acid, Laurostearic)

$C_{12}H_{24}O_2$. M.W. 200.3. Fatty acid derived from laurel. Colorless needles. M.P. 47°C. B.P. 225°C. Insol. water; sol. alcohol.
●Pkg—1, 5 gal. cans, 50, 100 lb. bags, 55 gal. drums.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACID, LAURINIC see Acid, Lauric

ACID, LAUROSTEARIC see Acid, Lauric

ACID, LEVULINIC (b-Acetopropionic Acid, Oxopentanoic Acid)

CH_3-CO-$(CH_2)_2$COOH. Colorless leaflets. M.P. 33°C. B.P. 245-246°C. Sp. gr. 1.137 at 24°C. Sol. water, alcohol, ether. Uses—mfr. esters, medicinals. Grades—tech. (brown liq.). 98-99% acid.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, LICHENIC see Acid, Fumaric

ACID, LINOLEIC (Acid, Linolic, Acid, Octadecadienoic)

$C_{17}H_{31}COOH$. M.W. 280.25. Straw-colored liq. Fatty acid occurring as glyceride in all drying oils. Sp gr. 0.903. M.P. —18°C. B.P. 230°C. Sol. alcohol ether, chloroform, benzene; insol. water. Uses—mfr special emulsifiers, driers and soaps.
●Pkg—400 lb. drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACID, LINOLIC see Acid, Linoleic

ACID, MALEIC (Acid, Maleinic, Acid, Buttendioic, Ethylene Dicarboxylic Acid)

$COOH(CH)_2COOH$. M.W. 116.03. Colorless cryst. Sp. gr. 1.590. M.P. 130.5°C. B.P. 135°C—d Sol. water, alcohol, glac. acetic acid, ether. Uses—mfr. intermediates, organic chemicals; as assistant fr dyeing and printing textiles. Grades—tech.
●Pkg—300 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*National Aniline Div, 40 Rector St, N Y 6
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

ACID, MALIC (Levo—Hydroxysuccinic Acid, Apple Acid, Oxyethylene-succinic Acid)

$COOHCH_2CH(OH)COOH$. M.W. 134.05. Colorless, deliq. cryst. Sp. gr. 1.595. M.P. 100°C. Decomp. at 140-150°C. Sol. water; sl sol. alcohol, ether. Uses—mfr. intermediates, salts, esters; in wine mfr. to age it by removing tartrates; pharmaceuticals; in medicine. Grades—tech., active and inactive

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fisher Chem Co, 60 E 42 St, N Y 17
*Lack Chem Co, 19 Park Pl, N Y 7

UNEXCELLED QUALITY

LACTIC ACID

U.S.P., 85%

Calcium Lactate, U.S.P.
Ferro Lactate, Pharm.
Ferro Tartrate, Pharm.
Calcium Sodium Lactate
Calcium Lactophosphate

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Edible and Technical Grades
METHYL LACTATE
CORN PROCESSING DIVISION
CLINTON FOODS INC., CLINTON, IOWA

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ACID, MALIC cont'd

*National Aniline Div, 40 Rector St, N Y 6
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, MALEINIC see Acid, Maleic

ACID, MALONIC (Methanedicarboxylic Acid)

$C_3H_4O_4$. M. W. 104.06. Colorless cryst., triclinic system. M.P. 135.6°C. Sol. in water, alcohol, and ether. Uses—mfr. intermediates in organic synthesis; mfr. pharmaceutical chemicals.
● Pkg—50, 100, 150 lb. drums.

*American Bio-Synthetics Corp, 710 W National Ave, Milwaukee 4, Wis
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Variacoid Chem Co, 116 Broad St, N Y 4

ACID, MANDELIC

$C_6H_5CH(OH)COOH$. Large transparent cryst. M.P. 118°C. Sol. ether; si. sol. water; insol. alcohol. Uses—organic synthesis.
● Pkg—25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

ACID, MERCAPTOACETIC see Acid, Thioglycollic

ACID, MESACONIC

$C_5H_6O_4$. M.W. 130.10. White crystalline solid.
● Pkg—Custom packed.

*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, METHACRYLIC

$CH_2:C-(CH_3)-(CO_2)H$. M.W. 86. Uses—polymerization.
● Pkg—13½ gal. carboys, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ACID, METHACRYLIC, GLACIAL

● Pkg—Custom packed.

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ACID, METHANECARBOXYLIC see Acid, Acetic

ACID, METHANEDICARBOXYLIC see Acid, Malonic

ACID, METHANOIC see Acid, Formic

ACID, METHOXY-BENZOIC see Acid, Anisic

ACID, 4—METHYLBENZENESULFONIC see Acid, p-Toluenesulfonic

ACID, METHYL FORMIC ESTER see Methyl Formate

ACID, METHYL-p-OXYBENZOIC see Acid, Anisic

ACID, METHYLENE DISALICYLIC

● Pkg—25, 50, 100, 250 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17

ACID, MILK see Acid, Lactic

ACID, MIXED (Acid, Nitrating)

A mixture of nitric and sulfuric acids of known composition, sold on the basis of N and S content. Typical mixtures are: nitric 36%—sulfuric 61%; nitric 45%—sulfuric 50%; nitric 70%—sulfuric 25%. Uses—mfr. dyes, T.N.T., smokeless powd., nitroglycerine, gun-cotton, picric acid, nitro-sugar, nitro-starch; as general nitrating agent. Grades—varying mixtures of nitric acid, sulfuric acid and water.
● Pkg—55, 110 gal. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*Calco Chem Div, Bound Brook, N J
C B Coburn Co, 63 Market St, Lowell, Mass
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Gresselll Chem Dept, Wilmington 98, Del
*Gane & Ingram, 43 W 16 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

ACID, MOLYBDIC (Molybdenum Anhydride, Molybdenum Trioxide)

H_2MoO_4. Composition variable. White or yellow powd. Sp. gr. 3.1124 (15°C). Loses water at 70° C. Sl. sol. water; sol. ammonia, alkalies. Uses—mfr. molybdates, molybdenum salts, molybdenum metal as catalyst; blue pigment in ceramic glazes; paint pigment; laboratory reagent; electro-coloring metals; in medicine. Grades—85% pure; C.P., about 99.5% MO_3; tech.

*J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col
*Variacoid Chem Co, 116 Broad St, N Y 4

ACID, MONOSULFONIC F (Cassella F. Acid, 2—Naphthylamine—7—Sulfonic Acid, Delta Acid, F Acid, Bayer's Acid)

$C_{10}H_6(NH_2)SO_3H$. 2:7. Colorless cryst. Sol. water, alcohol, ether. Uses—mfr. azo dyes. Grades—tech.

*Calco Chem Div, Bound Brook, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17

ACID MUCIC (Acid, Saccharolactic, Tetrahydroxy-hexanedioic Acid)

$(OH)_4C_4H_4)(COOH)_2$. Crystalline powd. M.P. 213° C. Sol. hot water, dilute alkalies; insol. alcohol, cold water. Uses—mfr. intermediates, organic chemicals, baking powd., effervescent salts. Grades—tech.
● Pkg—Bottles, drums.

J M Baird Co, 254 W 31 St, N Y 1
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Pfanstiehl Chem Co, 104 Lake View Ave Waukegan, Ill

ACID, MURIATIC (Acid, Hydrochloric, Acid, Chlorohydric, (I))

HCl. M.W. 36.46. Colorless of sl. yellow solution of gas in water, pungent odor. Sp. gr. 1.194 at 85.8°C. M.P. —111.0°C. Sol. water, alcohol, ether. Uses—mfr. chlorides, acids, carbon dioxide, chlorine, sal ammoniac, inorganic preparations, organic and intermediate chemicals, aniline, resorcin, pharmaceutical, synth. perfumes, azo dyes, coal tar colors, pyrotechnic compositions, phosphate from bones, bone and animal glues; treating oils, fats and tallow; purifying sand and clay; chrome tanning; dehairing hides; etching, pickling and mercerizing agent; laboratory reagent; electro-plating; process engraving; reclaiming rubber; purifying spent bone-black; sour in bleaching textiles; assist in dyeing and printing; in medicine. Grades—tech. 16, 18, 20, and 22 deg. Baume; C.P.; U.S.P.; white.
● Pkg—10 x 6 lb. bottles/case, 5, 6½, 13 gal. carboys.

Adams-Henry Chem Co, 32 Broadway, N Y 4
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo

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DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.
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Looking for telephone numbers: See Catalog Section

Barclay Chem Co, 75 Varick St, N Y 13
*Bay Chem Co Div, 120 S LaSalle St, Chicago 3, Ill
*Belle Alkali Co, Belle, W Va
*Bergstrom Trading Co, 233 Broadway, N Y 7
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Cornwell Chem Corp, 24 E 38 St, N Y
Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Frontier Chem Co, 321 W Douglas, Wichita, Kan
*Gane & Ingram, 43 W 16 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagarra Falls, N Y
Howe & French, 99 Broad St, Boston, Mass
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17

ACID, MYRISTIC

$CH_3(CH_2)_{12}COOH$. M.W. 228.22. Col. leaf cryst. Sp. gr. 0.858 (60°C.). M.P. 58°C. B.P. 250.5 (100 mm). Insol. water; sl. sol. alcohol, ether. Acid No. 237-243. Sap. No. 240-6. Iodine No. 7-13. Titre 42-6. Uses—soapt, cosmetics. Grades—tech.; pure.
● Pkg—1, 5 gal. cans, 50 lb. bags, pails, 55 gal. drums.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*General Mills, 400 2 Ave S, Minneapolis, Minn
Welch, Holme & Clark Co, 439 West St, N Y 14

ACID, NAPHTHALENEACETIC (1 Naphthyl Acetic Acid)

$C_{12}H_{10}O_2$. M.W. 186.20. Odorless, white cryst. M.P. 132.4—133.3°C.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fisher Chem Co, 220 E 42 St, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ACID, b-NAPTHALENE SULFONIC

$C_{10}H_7SO_3.H_2O$. M.W. 226. White to sl. brownish, crystalline leaflets. Very hygroscopic. Uses—in oil analytical chemistry.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*National Aniline Div, 40 Rector St, N Y 6

ACID, 1,3,6-NAPTHALENE TRISULFONIC

*Antara Chem Div, 435 Hudson St, N Y 14
City Chem Corp, 132 W 22 St, N Y 11
*Edwal Labs, Ringwood, Ill

ACID, NAPHTHENIC (Acid, Hexahydrobenzoic)

$C_6H_{11}COOH$. M.W. 128.1. Colorless cryst. Sp. gr. 1.04. M.P. 31°C. B.P. 232°C. Sl. sol. in water. Acidity mgr. KOH min.—2-3. Water (det. by distillation ASTM), 0.2% max.
● Pkg—55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio

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NAPHTHENIC ACID

Carboxylic organic acids recovered from petroleum. A typical product has an acid number of 220 to 230 and 12% maximum unsaponifiable

PRINCIPAL USE

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Also USEFUL for

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- Cutting oils • Asphalt emulsions
- Low cost esters • Gelling agents
- Extreme pressure lubricants
- Rust preventatives
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Polybutenes • Wetting Agents • Sodium Sulfonates • Gas Odorants Copper Naphthenate • Phthalic Anhydride • Detergent D-40 (Flakes, Granules, Powder) and D-60, Alkane, Slurry • Nonionic Surfactants • Dispersant FO (Furnace Oil Inhibitor) • Lube Oil Additives • Maleic Anhydride • Phenol, U.S.P.

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Standard Oil Bldg., Los Angeles 15, Calif. — 600 S. Michigan Avenue, Chicago 5, Ill.
Mercantile Securities Bldg., Dallas 1, Texas

ACID, NAPTHENIC cont'd

Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Petroleum By-Products & Chem Co, 15 Whitehall St, N Y 4
George F Smith, 60 E 42 St, N Y 17
*Sun Oil Co, 1608 Walnut St, Philadelphia, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

ACID, NAPHTHIONIC (1—Aminonaphthalene—4—Sulfonic Acid, 4—Amino—1—Naphthalene Sulfonic Acid)

$C_{10}H_6(NH_2)SO_3H.\frac{1}{2}H_2O$. 1:4. M.W. 232.15. White cryst. or powd. Decomp. on heating. Sol. ammonia, alkalies; sl. sol. water, alcohol; insol. ether. Uses—mfr. azo dyes. Grades—tech.

Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

ACID, a-NAPHTHOL SULFONIC see Acid, Neville & Winther's

ACID, 1:4 NAPHTHOLSULFONIC see Acid, Neville & Winther's

ACID, NAPHTHOXY ACETIC

*Fine Organics, 211 E 19 St, N Y 3
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ACID, b-NAPHTHOXY ACETIC

$C_{10}H_7(OCH_2COOH)$-2. M.W. 202.2. Light-gray crystalline powd. Very sol. in methanol.
● Pkg—100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J

ACID, 1 NAPHTHYL ACETIC see Acid, Naphthaleneacetic

ACID, 2.6-NAPHTHYLAMINE SULFONIC see Acid, Broenner's

ACID, 1-NAPHTHYLAMINE-8-SULFONIC see Acid, Peri

ACID, 1:6 and 1:7 NAPHTHYLAMINESULFONIC see Acid, Cleve's

ACID, 2-NAPHTHYLAMINE-1 SULFONIC see Acid, Tobias

ACID, 2-NAPHTHYLAMINE-7-SULFONIC see Acid, Monosulfonic F

ACID, 1-NAPHTHLAMINE 3:6:8 TRISULFONIC see Acid, Koch

ACID, NEVILLE & WINTHER'S (1:4 Naphtholsulfonic Acid, a-Naphthol Sulfonic Acid)

$C_{10}H_8O_4S$. 1:4. Transparent plates. M.P. 170°C. Sol. water, alcohol, ether. Uses—mfr. azo dyes. Grades—tech.; paste; powd. (65-70%).
● Pkg—150 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38

ACID, NICOTINIC (3—Pyridinecarboxylic Acid)

C_5H_4NCOOH. M.W. 123.11. White crystalline powd. M.P. 234-237°C.
● Pkg—Drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Brothers Pharmacal Co, Orange, N J
*Calco Chem Div, Bound Brook, N J

NAPHTHENIC ACID
PETROLEUM SULPHONATES
PETROLEUM RESINS
PETROLEUM NAPTHAS & SOLVENTS

●

PETROLEUM BY-PRODUCTS & CHEMICAL CO.

15 WHITEHALL STREET
NEW YORK 4, N.Y.
Phone: Bowling Green 9-4991

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

NIACIN

(NICOTINIC ACID U.S.P.)

In 50, 10 and 5 Kilogram Lots in Fibre Drums and in 1 Kilogram Lots in Cartons.

Barrett

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

*Reg. U. S. Pat. Off.

Baker CHEMICAL

HYDROCHLORIC ACID
REAGENT
NITRIC ACID
REAGENT
SULFURIC ACID
REAGENT
AMMONIUM HYDROXIDE
REAGENT
ACETIC ACID
REAGENT
NITRIC ACID
TECHNICAL
36° - 38° - 40° - 42° - 43°

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
United States Industrial Chem Co Div, 120 Broadway, N Y 5

Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 95 Beekman St, N Y 38
Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I

ACID, NICOTINIC DIETHYLAMIDE see **Nikethamide**

ACID, NITRATING see **Acid, Mixed**

ACID, NITRIC (Aqua Fortis, Hydrogen Nitrate, Acid, Azotic)

HNO3. M.W. 63.02. Colorless or yellowish, fuming liq. Sp. gr. 1.502. M.P. —42°C. B.P. 86°C. Miscible water. Use—mfr. sulfuric acid, metallic nitrates, aqua regia, phosphoric and oxalic acids, nitro derivatives of benzene, naphthalene, anthracene and derivatives, synth. drugs, camphor, aza, diaza and aniline dyes, nitroglycerine, Berlin blue, nitrocellulose, nitrostarch, T.N.T., picric acid, hats, celluloid, rubber, rubber substitutes, rayon; as nitrating and pickling agent; laboratory reagent; metallurgical solvent; assist in dyeing silks; separating gold and silver; gilding brass; engraving and etching steel; electro-plating; dyeing furs; in engraving; in medicine. Grades—U.S.P.; C.P. (Sp. gr. 1.403); commercial: 44,42,40,38,36 deg. Baume; Aqua Fortis in same strengths; C.P.
● Pkg—Bottles, 5, 6½, 75, 150 lb. carboys, 8½, 55, 110 gal. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Calco Chem Div, Bound Brook, N J
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Cornwell Chem Corp, 24 E 38 St, N Y
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J

NITRIC ACID

36° 38° 40° 42°

OLEUM

10%—20%—25%—30%—40%—65%

CORNWELL

Cornwell Chemical Corporation
Executive Offices: 24 E. 38th St., New York 16, N. Y.
Tel. MUrray Hill 3-0174
Philadelphia, Torresdale 4-7358 • Paterson, N. J., Lambert 5-2494
Cable Address: CORNCHEM
Works and Laboratories at Cornwell Heights, Pa.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section



OLEIC ACID

White Oleine — Stearic Acid
Hydrogenated Fatty Acids
Cottonseed Fatty Acids
Soya Fatty Acids
Corn Oil Fatty Acids
Tallow Fatty Acids
Specialty Fatty Acids
Glycerine
Pitch

W. C. HARDESTY CO., INC.
Century Stearic Acid Products Inc.
41 EAST 42nd ST., NEW YORK 17, N. Y.
FACTORIES: DOVER, OHIO
TORONTO, CAN.

ACID, NITRIC, continued

Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Stanaichem, Inc, 350 Madison Ave, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Washine-National-Sands, 3702 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

ACID, NITROBENZOIC

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

ACID, p-NITRO BENZOIC (Nitrodracylic Acid)

$C_6H_4.COOH.NO_2$. M.W. 167.05. Pale yellowish, bitter odorless cryst. or powd. Sol. hot water, acetone, ether alcohol. M.P. 238°C. Mfr. intermediates. Chief raw material for mfg. procaine.
●Pkg—185 lb. bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, NITRODRACYLIC see p-Nitro Benzoic

ACID, 1—NITRONAPHTHALENE:5—SULFONIC see Acid, Laurent's

ACID, NUCLEIC

Yellowish-white powd., sl. odor of yeast. Uses—in medicine.
●Pkg—Custom packed.

*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Lack Chem Co, 19 Park Pla, N Y 7
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Roussel Corp, 155 E 44 St, N Y 17
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

ACID, OCTADECADIENOIC see Acid, Linoleic

ACID, OCTANOIC see Acid, Caprylic

ACID, OCTIC see Acid, Caprylic

ACID, OCTADECYLIC-n see Acid, Stearic

ACID, OCTADECANOIC see Acid, Stearic

ACID, OCTAIC see Acid, Caprylic

ACID, OCTYLIC see Acid, Caprylic

ACID, OLEIC (Acid, Elaidic)

$C_8H_{17}CHCH(CH_2)_7COOH$. M.W. 282.27. Colored needles. Sp. gr. 0.895 M.P. 14°C. B.P. 286°C. (100 mm). Insol. water; Sol. ether; Sl. sol. alcohol. Uses—mfr. soap, oleates, polishing compounds; oiling wool; medicinals. Grades—tech; U.S.P.; C.P.
●Pkg—50 gal, bbls, drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Binney & Smith Co, 41 E 42 St, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marcus Ruthe Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Thomas J Shields Co, 11 Water St, N Y
*Southern Cotton Oil Co, 25 Broad St, N Y 4
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
E J Verde & Co, 335 Produce Exchange, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14
Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

DARLING'S
STEARIC ACID
Special Fatty Acids for Rubber Compounding
GLYCERINE — STEARINE PITCH
OLEIC ACID
RED OIL — OLEINE
Manufacturers
DARLING & COMPANY, 4204 So. Ashland Ave., Chicago 9, Ill.

ADM has everything in
FATTY ACIDS
Linseed
Soya
Coconut
Cottonseed
Corn
Tung
Mixed Vegetable
Plus soybean, linseed and fish oils.
ARCHER • DANIELS • MIDLAND COMPANY
600 Roanoke Building, Minneapolis, Minnesota

ACID, OSMIC (Osmic Tetroxide)

OSO_4. M.W. 255.5. Colorless to sl. yellow cryst. Uses—catalyst.
●Pkg—Custom packed.

*American Platinum Works, 231 New Jersey RR Ave, Newark 5, N J
*Baker & Co, 113 Astor St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

ACID, OXALIC (Acid, Ethandioic)

$CO_2HCO_2H.2H_2O$. M.W. 126.05. Colorless, odorless cryst. Sp. gr. 1.653. M.P. 101.5°C. Sol. water, alcohol, ether. Uses—mfr. glycerin, pure dextrin, cream of tartar, intermediates, dyestuffs, malachite green, diphenylamine blue, pyrotechnics, glues, writing and printing inks, blue ink, metal and shoe polishes, blue print

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

paper, celluloid, rayon; marble, metal and coal cleaner; purifying tartaric acid and stearine; as laboratory reagent; tanning agent; bleaching straw; rust and stain remover; laundry detergent; mordant in dyeing and printing textiles; discharge in indigo printing and dyeing; bleaching flax; accelerating chroming of wool; in engraving; treating rubber. Very poisonous. Grades—C.P.; tech.; cryst.; powd.

● Pkg—100 lb bags, kegs, 100, 375 lb. drums, 300 lb. bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Howe & French, 99 Broad St, Boston, Mass
Hummel Chem Co, 90 West St, N Y 6
E & P King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pla, Bklyn 17, N Y
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ACID, OXOPENTANOIC see Acid, Levulinic

ACID, OXYETHYLENE-SUCCINIC see Acid, Malic

ACID, OXYNAPHTHOIC

*Antara Chem Div, 435 Hudson St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Pfister Chem Works, Ridgefield, N J
Frank Samuel & Co, 24 State St, N Y 4
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Sterone Corp, 250 W 57 St, N Y 19

ACID, b-OXY NAPHTHOIC

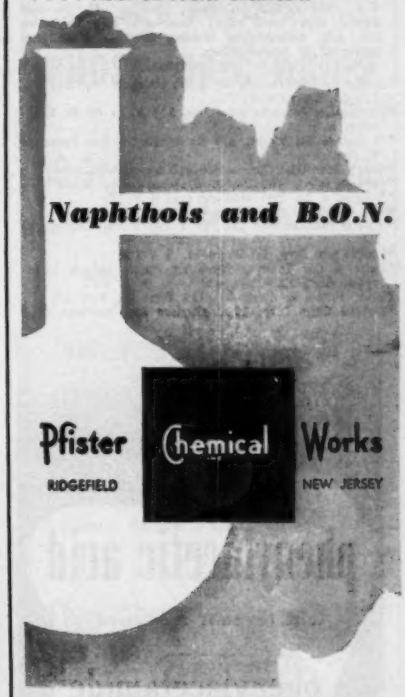
● Pkg—200, 250 lb bbls., drums.

Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Augusta Chem Co, P O Box 660, Augusta, Ga
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Carwin Co, Stiles Lane, N. Haven, Conn
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Pfister Chem Works, Ridgefield, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sterone Corp, 250 W 57 St, N Y 19

ACID, OXYPHENIC see Pyrocatechol

OXALIC ACID
Crystalline & Powdered
SODIUM OXALATE
99% and 88%
●
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago 4, Ill.
Phone: HArrison 7-3541
VICTOR
Dependable Name in Chemicals
for 56 Years

The quality of your finished product depends on the integrity of fine materials. Your tests will show that this integrity is inherent in Pfister Naphthols and B.O.N. . . . . insist on Pfister chemicals.



Southern Representative: DYER S. MOSS CO., Charlotte, N. C.

OLDBURY
ELECTRO-CHEMICAL
COMPANY

OXALIC ACID

POTASSIUM PERCHLORATE
POTASSIUM CHLORATE
●
PHOSPHORUS (Yellow or White)
SODIUM CHLORATE
●
PHOSPHORUS OXYCHLORIDE
PHOSPHORUS PENTACHLORIDE
●
PHOSPHORUS TRICHLORIDE
PHOSPHORUS PENTASULFIDE
●
PHOSPHORIC ANHYDRIDE
PHOSPHORIC ACID 85% NF IX

HYPOPHOSPHITES
ZINC PHOSPHIDE
PHOSPHOROUS ACID
ALKYL ACID PHOSPHATES
(ALKYL PHOSPHORIC ACIDS)

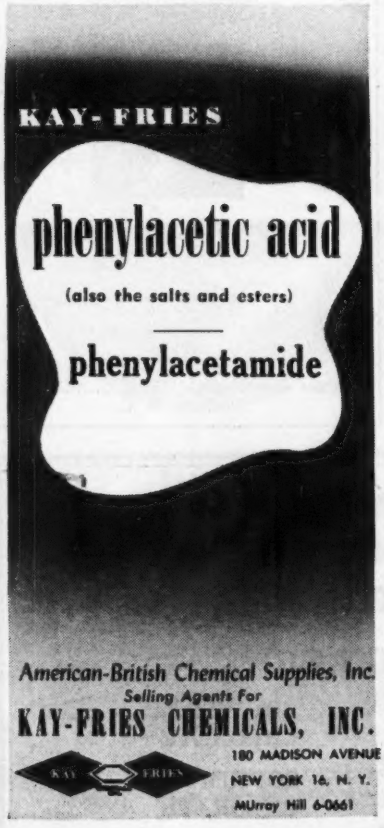
PLANT AND MAIN OFFICE
Niagara Falls, N. Y.
NEW YORK OFFICE 19 Rector St. New York 6, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ACID, PALMITIC (Palmitinic Acid, Hexadecylic Acid, Cetylic Acid, Ethalic Acid)

$C_{15}H_{31}COOH$. M.W. 256.25. White cryst. powd. or colorless needle cryst. Sp. gr. 0.866. M.P. 64°C. B.P. 339-56°Cd. Sol easily in hot; sl. in cold alcohol, ether; insol. water. Uses—mfr. soap; thickening lub. oils; waterproofing textiles, fabrics. Made from spermaceti by saponification.
● Pkg—50, 100 lb. bags, cartons.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn
*A Gross & Co, 295 Madison Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Shell Chem Corp, 50 W 50 St, N Y 20
*Swift & Co, Technical Products Plant, 165 & Indiapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J



ACID, PALMITINIC see Acid, Palmitic

ACID, PANTOTHENIC

$C_9H_{17}O_5$. Filtrate factor in vitamin B complex. Prevents dermatitis in chicks. Reported to be helpful in curing pellagra in humans and graying hair in rats. Widely distributed in plant and animal tissues and apparently essential for cell growth. Present in rice bran, peanut meal, and yeast.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
McKesson & Robbins, 155 E 44 St, N Y
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterone Corp, 250 W 57 St, N Y 19

ACID, PELARGONIC

$CH_3(CH_2)_7COOH$. M.W. 158. Sol. alcohol, ether. Light yellow; strong characteristic odor. Uses—mfr. of plasticizers, pharmaceuticals, synth. flavors, odors.
● Pkg—55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Givaudan-Delawanna, 330 W 42 St, N Y 36

ACID, PERACETIC, 40%

Composed of 40% peracet. ac., 39% acet. ac., 13% water, 5% hydr. perox., 1% sulfuric ac. by wt. in an average solution. B.P. 105°C. Completely sol. in water, alcohol, ether. Uses—bleaching agent, polymerization catalyst, bactericidal, fungicidal, oxidant.
● Pkg—65 lb. carboys.

J M Baird Co, 254 W 31 St, N Y 1
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, PERCHLORIC (Fraude's Reagent)

$HClO_4$. Colorless liq. Sp. gr. 1.764. B.P. 39°C. (56 mm.). Sol. water. Uses—mfr. ester derivatives, monochlorohydrin perchlorate, explosives, matches; as laboratory reagent; electroplating with lead; in medicine. Grades—tech., strength of solution 6-20%; C.P.
● Pkg—1, 6¼ lb. bottles, 70 lb. carboys.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

ACID, PERFLUOROBUTYRIC

Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Minnesota Mining & Mfg Co, 900 Faquier St, St Paul 6, Minn

ACID, PERFLUOROPROPIONIC

*Minnesota Mining & Mfg Co, 900 Faquier St, St Paul 6, Minn

ACID, PERI (Acid I—Naphthylamine—8—Sulfonic)

$C_{10}H_6(NH_2)(SO_3H)$. 1:8. Light gray powd., lumps. Sol. water. Uses—mfr. azo dyes. Grades—tech. (97% min.).

*Antara Chem Div, 435 Hudson St, N Y 14
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del

ACID, PERIODIC

HIO_4. M.W. 192. Uses—strong oxidizing agent for analyses.
● Pkg—Bottles.

City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

ACID, PHENIC see Phenol

ACID, PHENOL SULFONIC (Sulphocarbolic Acid, Sulphophenylic Acid, Sozolic Acid)

$OH.C_6H_4.SO_3H$. M.W. 174.17. Yellow liq., becomes brown on exposure to air. Cont. drums. Uses—water analysis, mfr. intermediates and dyes, tanning, pharmaceuticals, drugs, in electro-deposition of tin.
● Pkg—55 gal. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Riches-Nelson, 342 Madison Ave, N Y 17
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

ACID, PHENOXY ACETIC (Glycolic Acid Phenyl Ether)

$C_6H_5OCH_2COOH$. M.W. 152.14 Colorless plates or needles. M.P. 99°C. B.P. 285°C. Sl. decomp. Sol. water alcohol, ether, acetic acid, benzene. Uses—chemical reagent.
● Pkg—10 lb. drums, 125 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

ACID, PHENYL ACETIC

$C_8H_8O_2$. M.W. 136.10. White cryst. with honey-rose odor. M.P. 76°C. Uses—fixative for perfumes, in many floral perfumes.
● Pkg—25, 100, 175 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Trubek Labs, State Hway #17, E Rutherford, N J

ACID, PHENYLFORMIC see Acid, Benzoic

ACID, PHENYLACETYLENE CARBOXYLIC see Acid, Phenylpropiolic

ACID, PHENYLCINCHONINIC see Cinchophen

ACID, PHENYLETHYLBARBITURIC see Phenobarbital

ACID, 1-PHENYLNAPHTHYLAMINE-8-SULFONIC see Acid, Phenyl Peri

ACID, PHENYL PERI (Acid I—Phenylnaphthylamine—8—Sulfonic)

$C_{10}H_6(NHC_6H_5)(SO_3H)$. 1:8 Greenish cryst. paste. Sol. water. Uses—mfr. azo dyes. Grades—tech. paste (25% min.).

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID, PHENYLPROPIOLIC (Phenylacetylene Carboxylic Acid)

$C_6H_5{\cdot}C{\equiv}C{\cdot}COOH$. M.W. 146.14. White crystalline solid. Use—organic syntheses.

*A'go Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23

CHEMICALS — PER-CHEMICAL GFS PRODUCTS — APPARATUS

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THE G. FREDERICK SMITH CHEMICAL COMPANY
COLUMBUS, OHIO

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*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*Lack Chem Co, 19 Park Pl, N Y 7
*Merck & Co, Rahway, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ACID, PHENYLIC see Phenol

ACID, PHOSPHATE see Superphosphate

ACID PHOSPHATE OF LIME see Calcium Phosphate (Monobasic)

ACID PHOSPHATES, ALKYL

*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID PHOSPHATES, AMYL

*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID, PHOSPHOMOLYBDIC

$H_3PO_4.12MoO_3.12H_2O$. M.W. 2042.3. Yellow Cryst. Sol. water. Uses—weighting silk, leather; mordanting; tests for alkaloids, rare earths; mfr. insol. color lakes. Grades—C.P.; pure.
●Pkg—Bottles.

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y

ACID, PHOSPHORIC (o-Phosphoric Acid)

H_3PO_4. Colorless, syrupy liq. M.W. 98.04. Sp. gr. 1.834. M.P. 42.35°C. Sol. water. Uses—mfr. phosphates, intermediate chemicals, hydrogen peroxide, glycerophosphates, pharmaceuticals, dyes, incandescent light filaments, pyrotechnics, ammonium phosphate fertilizers; as acidulating agent in jellies, essences, soft drinks and mineral waters; laboratory reagent; pickling and rust-proofing agent; latex coagulant; ceramic vitrifying agent and flux; sugar defectant and clarifier; mordant in dyeing and printing textiles; brightener of silks; in engraving; in medicine. Grades—tech. (50%); 75%; 85% paste and syrup; U.S.P. syrupy (90%); U.S.P. dilute (10%); Pure Food Grade (50 to 75% H_3PO_4); glacial sticks; C.P.
●Pkg—6½, 13 gal. carboys, 50/52 gal. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
*Klem Chem, 14401 Lanson, Dearborn, Mich
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo

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75% Food Grade
85% N. F. Grade
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Carboys, stainless steel drums, tank cars and tank trucks
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Standard Forms: 75% and 85% H_3PO_4.
Grades: U.S.P.; food, meets all U.S. Pure Food Law requirements; commercial, clear, water white liquid. Containers: Tank cars, tank wagons, barrels, carboys, stainless steel drums.
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St. Louis 4, Mo.
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Chemicals and Allied Products
342 MADISON AVENUE NEW YORK 17, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

VC CHEMICALS

PHOSPHORIC ACIDS

85% N. F. Grade

80% Food Grade

75% Food Grade

62½% Commercial Grade

FOR INFORMATION:
WRITE TO DEPARTMENT B

Virginia-Carolina Chemical Corporation

Chemicals Division • Richmond 8, Va.

ACID, PHOSPHORIC, continued

Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

ACID, PHOSPHORIC (Anhydrous) see Phosphorous Pentoxide

ACID, m-PHOSPHORIC

HPO_3. Viscous liq., colorless. Sp. gr. 2.25 (25°C). Sol. alcohol, water. Uses—mfr. esters and salts; catalysts.
● Pkg—13 gal. carboys.

*J T Baker Chem Co, Phillipsburg, N J
Clifford Chem Div, 170 Broadway, N Y 38
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md

ACID, o-PHOSPHORIC see Acid, Phosphoric

ACID, PHOSPHORIC PASTE

A lime-phosphoric acid mixture containing not less than 50% P_2O_5. Uses—in the defecation of raw sugar solutions. Grades—wet paste; dry paste.

*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Riches-Nelson, 342 Madison Ave, N Y 17
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

ACID, PHOSPHOROUS

H_3PO_3. Moist, colorless cryst. acid. Melts somewhat below 73°C. Decomp. when heated to 200°C. with liberation of phosphine. Forms mono and dibasic salts. Extremely sol. in water; very hygroscopic. Uses—reducing agent; mfr. phosphites.
● Pkg—5, 13 gal. carboys.

City Chem Corp, 132 W 22 St, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Riches-Nelson, 342 Madison Ave, N Y 17
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

ACID, PHOSPHOTUNGSTIC

$WO_3.2H_3PO_4$. M.W. 428.2. Yellow green cryst.. Sl. sol. cold water, alcohol, ether. Uses—weighting silk and leather; mordanting; tests for alkaloids, carbohydrates; mrf. insol. color lakes. Grades—C. P.; pure.
● Pkg—Bottles.

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa

ACID, PHTHALIC (Acid, Alizarinic, Acid, o-Benzene-Dicarboxylic)

$C_6H_4(COOH)_2$. M.W. 166.05. Colorless, crystalline needles. Sp. gr. 1.593. M.P. 191°C.d. Sol. alcohol; sl. sol. water, ether; easily sol. alcohol. Uses—mfr. intermediates, esters, pharmaceuticals, anthranilic acid, phenolphthalein, rhodamine, pyronine, fluorescein and eosin dyes, phthaleins, indigo, perfume esters; in medicine. Grades—tech.; pure.
● Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17

ACID, PICRIC (Trinitrophenol, Acid, Picronitric, Acid, Carbazotic, Phenoltrinitrate)

$C_6H_2(NO_2)_3OH$. Yellow cryst. Sp. gr. 1.767. M.P. 122°C. Sol. water, alcohol, ether. Uses—mfr. picrates, substantive cotton, nigrosine and induline-dyes, military and commercial explosives; as color for dyeing and printing textures; tanning leathers; in medicine. Grades—tech.; U.S.P.
● Pkg—300 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Hummel Chem Co, 90 West St, N Y 6
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

ACID, PICRONITRIC see Acid, Picric

ACID, PIMELIC (Heptandioic Acid)

$(CH_2)_5(COOH)_2$. 160.17. M.W. cryst. Monclinic M.P. 104°C. B.P. 272°C. at 100 mm. Sl. sol. water; very sol. alcohol, ether.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sapon Labs, 543 Union St, Bklyn 15, N Y

ACID, PLUMBIC (Anhydrous) see Lead Peroxide

ACID, POLYMETHACRYLIC

Wallace A Erickson & Co, 442 N Wells St, Chicago 10, Ill

ACID, POWDERED CYANIC see Calcium Cyanide

ACID, PROPIOLIC (Acetylene Monocarboxylic Acid)

$CH{\equiv}C{\cdot}COOH$. M.W. 70.05. Colorless liq.; sharp odor. Uses—organic syntheses, pharmaceuticals, plastics.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, PROPIONIC

C_2H_5COOH. M.W. 74.08. Water white liq. of penetrating odor. Completely miscible with water, alcohol, ether and chloroform. Sp. gr. 0.992 at 20°/4C. F.P. 22°C. B.P. 141°C. Uses—mfr. propionates, artificial fruit flavors, anethol, perfume esters. Grades—tech.
● Pkg—55 gal. drums.

*Celanese Corp of America, 180 Madison Ave, N Y 16
City Chem Corp, 132 W 22 St, N Y 11
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington, Del
Fallek Products Co, 163 Broadway, N Y 6
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ACID, PROPYLFORMIC see Acid, Butyric

ACID, PRUSSIC see Acid, Hydrocyanic

ACID, 3-PYRIDINECARBOXYLIC see Acid, Nicotinic

ACID, PYROCATECHINIC see Pyrocatechol

ACID, PYROGALLIC (Pyrogallol, Trihydoxybenzene)

$C_6H_3(OH)_3$. White cryst. Sp. gr. 1.463. M.P. 132.58°C. B.P. 293°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, synth. pyrogallol; derived drugs, azo and hair dyes; as mordant; protective colloid in making metallic colloidal solutions; laboratory reagent; photographic dereloper; in process engraving; in medicine. Grades—C.P.; U.S.P.; cryst.: resublimed.
● Pkg—25, 100, 200, 250 lb. bbls., drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Zinsser & Co, Hastings-on-Hudson, N Y

ACID, PYROMUCIC see Acid, Furoic

ACID, PYROLIGNEOUS (Wood Vinegar, Pyroligneous Vinegar, Acetic Crude)

$H_3C_2H_3O_3$. Yellowish-red liq., furfural odor. Sp gr. 1.018-1.030. B.P. varying. Sol. water, alcohol. Uses—mfr. methanol, acetate of lime, iron acetate, vinegar, pyrolignite, dyestuffs, acetic acid, chemicals; in smoking meats. Grades—purified; U.S.P.; C.P.; tech.
● Pkg—481 lb. drums.

*Cliffs Dow Chem Co, Wright St, Marquette, Mich
Rosenthal Bercow Co, 25 E 26 St, N Y
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

ACID, PYROPHOSPHORIC, ANHYDROUS

$H_4P_2O_7$. Colorless visc. liq. which crystallizes on long standing. Sp. gr. 2.04 (25°C.) Sol. water, alcohol. Uses—mfr. esters and salts; catalysis.
● Pkg—1, 5 lb. bottles.

J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACID, n-PYROTARTARIC see Acid, Glutaric

ACID, PYRUVIC (Pyroracenic Acid, Ketoacetic Acid, Acetylformic Acid)

$C_3H_4O_3$. M.W. 88. Colorless cryst., pcwd. or liq. M.P. 136°C. B.P. 165°C. Sol. water, alcohol, ether. Uses—intermediate product in metabolism of proteins, fats, and carbohydrates, mfr. of cinchophen.
● Pkg—1, 6, 13 gal. carboys.

*Brothers Pharmacal Co, Orange, N J
*Calco Chem Div, Bound Brook, N J
*Concord Labs, 292 Main St, Cambridge 42, Mass
*Gane & Ingram, 43 W 16 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Philip J Lo Bue, 277 Park Ave, N Y 17
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

ACID, RACEMIC-TARTARIC see Acid, Tartaric

ACID, RESORCIN DIACETIC

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

ACID, b-RESORCYLIC (2,4-Dihydroxy Benzoic Acid)

$C_6H_3(OH)_2COOH$. M.W. 154.42. White, crystalline high-melting solid. Sl. sol. water. Uses—in mfr. of specialty dyestuffs; intermediate in prep. of fine chemicals. ● Pkg—100 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

ACID, RHODIZONIC

$C_6H_2O_6$. M.W. 170.08. White crystalline solid. ● Pkg—Custom packed.

*City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, RICINIC see Acid, Ricinoleic

ACID, RICINOLEIC (Acid, Ricinic)

$C_{18}H_{34}O_3$. Amber colored liq. The fatty acid in castor oil, Sp. gr. 0.945. M.P. 17°C. B.P. 250°C (15 mm. pressure). Insol. water; partly sol. alcohol, ether, hydrocarbons. Uses—mfr. special soaps and esters. ● Pkg—5 gal. cans, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Calco Chem Div, Bound Brook, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACID, S (Acid, Aminonaphtholsulfonic 1:8:4)

$NH_2(OH)C_{10}H_5SO_3H$. 1:8:4. Gray cryst. Insol. alcohol, ether; sl. sol. water. Uses—mfr. dyestuffs. Grades—tech.; dry powd. ● Pkg—120 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

ACID, SS see Acid, Chicago

ACID, SACCHARIC (Saccharinic Acid)

$C_6H_{10}O_8$. sol. Very in water, alcohol, and ether. Uses—substitute for tartaric acid.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Concord Labs, 292 Main St, Cambridge 42, Mass
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, SACCHARINIC see Acid, Saccharic

ACID, SACCHAROLACTIC see Acid, Mucic

ACID, SALICYLIC (Acid, o-Hydroxybenzoic)

$C_6H_4(OH)(COOH)$. M. W. 138.05. White crystalline needles or powd. Sp. gr. 1.443. M.P. 156-159°C. Sol. alcohol, ether, oil or turpentine, acetone. Uses—mfr. salicylates, esters, synth. drugs, sanol, aspirin, salophen, artificial oil wintergreen, intermediates, azo dyes, catgut, parchment paper, perfume esters; as preservative foods, glues and hides; in medicine. Grades—U.S.P.; tech. ● Pkg—25 lb. cartons, 80 lb. bags, 25, 100, 150, 225, 250 lb. drums, 60, 100, 150 lb. bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Ciba Co, 627 Greenwich St, N Y 14
Clifford Chem Div, 170 Broadway, N Y 38
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17

Specify Woburn dependable PRODUCTS

RICINOLEIC ACID
and
ISOLINE F. A. SUPRA
(DEHYDRATED CASTOR FATTY ACIDS)

Distilled Hydrogenated Fatty Acids
Elaeostearic Acid (Tung Oil Acids)
Corn Fatty Acids
Lauric Acid
Marine Fatty Acids
Peanut Fatty Acids

Write for data to:
WOBURN CHEMICAL CORP. (N.J.)
1190 Harrison Ave., Kearny, New Jersey

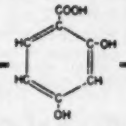
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ESTABLISHED 1857
Baker

• RICINOLEIC ACID
• 9-11 LINOLEIC ACID
• UNDECYLENIC ACID
• UNDECYLIC ACID

THE BAKER CASTOR OIL COMPANY
120 Broadway, New York 5, N. Y.
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KOPPERS
beta-RESORCYLIC ACID



● A white, crystalline, high-melting solid which is slightly soluble in water. BRA combines many of the properties of resorcinol and benzoic acid. It is used in the production of specialty dyestuffs and as an intermediate for the preparation of fine chemicals.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

MONSANTO
SALICYLIC ACID
(ortho-Hydroxybenzoic Acid)

Salicylic Acid, U.S.P.—White needles or powder; assay 99.5% min.; M.P. 158.0°C. min.; conforms to U.S.P. test for carbonizable substances; ash 0.05% max.; powder trace max. retained on 100 mesh.

Salicylic Acid, "B" grade—White needles; assay 98.75% min.; M.P. 158.0°C. at start.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS—PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

THE KEY TO HARCHEM SEBACIC HEAT AND LIGHT STABILITY

SEBACIC ACID

AN UNUSUAL TOOL FOR THE CHEMICAL INDUSTRY

SEBACIC ACID is one of the most versatile basic raw materials available to the chemical industry. The HARDESTY CHEMICAL CO. manufactures Sebacic Acid in two grades—both of which are available in tonnage quantities.

Sebacic Acid is a free flowing powder, white in color, with a high melting point. Its chemical reactions are similar to those of other aliphatic acids and it is easily converted to esters, salts, amides, ester-amides, acid chlorides and many other useful derivatives. *Write for information*

USES: Widely used in Plasticizers, Alkyd Resins, Fibres, Paint Products and other applications where its high heat stability and purity are of great advantage.

HARDESTY CHEMICAL DIVISION
W. C. HARDESTY CO., INC.
41 East Forty-Second St., New York 17, N. Y.

STEARIC ACID--

Manufacturers of

- STEARIC ACID
- FATTY ACIDS
- GLYCERINE
- OLEIC ACID
- LARD OIL
- TALLOW OIL

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WESTERN OFFICE: 327 So. LaSalle St. Chicago 4, Illinois • HA 7-1760

EASTERN OFFICE: 311 Produce Exchange Bldg. New York, N.Y. • Whitehall 4-5198

REFINERY: Neville Island, Pa. • Fo 1-0367

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EMERSOL STEARIC and OLEIC ACIDS

ANIMAL, VEGETABLE, SPECIAL LIQUID FATTY ACIDS

HYDROGENATED TALLOW, FISH FATTY ACIDS & GLYCERIDES

Dimer Acid (Dilinoleic Acid)
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- Cotton Finishing
- Wool & Worsteds
- Synthetics

Fat Splitting Reagents

Oleic Esters
Soluble Oil Bases
Plastolein Plasticizers for:
- Vinyls • Cellulosics • Rubbers
- 12 Hydroxystearic Acid
- Hydrogenated Castor Oil
- Azelaic & Pelargonic Acids

EMERY INDUSTRIES, INC.

Dept. L., Carew Tower, Cincinnati 2, Ohio

Export Dept.: 5035 RCA Bldg., New York 20, N. Y.
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DARLING'S

STEARIC ACID

Special Fatty Acids for Rubber Compounding

GLYCERINE — STEARINE PITCH

OLEIC ACID

RED OIL — OLEINE

Manufacturers

DARLING & COMPANY, 4204 So. Ashland Ave., Chicago 9, Ill.

ACID, SALICYLIC cont'd

*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
George F Smith, 60 E 42 St, N Y 17
Tuteur Bio-Chem, 52 Wall St, N Y 5

ACID, SAND see Acid, Hydrofluorsilicic

ACID, SEBACIC (Acid, Sebacylic, Acid, Decane Dicarboxylic)

$C_8H_{16}(COOH)_2$. Colorless or yellow leaflets. M.P. 133°C. B.P. 294.5°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. salts, esters, celluloid plastics, candles, perfumes.
●Pkg—50 lb. bags, 150 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Binney & Smith Co, 41 E 42 St, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hardesty Chem Co, 41 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

ACID, SEBACYLIC see Acid, Sebacic

ACID, SELENIC

●Pkg—Bottles.

Phillip Bauer Co, 608 5 Ave, N Y 20
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17

ACID, SELENOUS

H_2SeO_3. M.W. 128.98. Colorless cryst. Very sol. hot water, alcohol. Uses—laboratory reagent.
●Pkg—Bottles, 100, 200 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
*Varlacoid Chem Co, 116 Broad St, N Y 4

ACID, SELENOUS ANHYDRIDE see Selenium Dioxide

ACID, SILICIC

SiO_2+XH_2O. White amorp. powd. Uses—as absorbant and in bleaching oils, fats and waxes.
●Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa

ACID, SILICOFLUORIC see Acid, Hydrofluosilicic

ACID, SILICOTUNGSTIC

$SiO_2.12WO_3 26H_2O$. M.W. 3312.47. White to yellow deliq. cryst. Sol. water, alcohol. Uses—chemical reagent; mordant.
●Pkg—4 oz., 1, 5 lb. bottles.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Merck & Co, Rahway, N J

ACID, SODIUM ACETATE see Sodium Diacetate

ACID, SODIUM CARBONATE see Sodium Bicarbonate

ACID, SODIUM CHROMATE see Sodium Bichromate

ACID, SODIUM FLUORIDE see Sodium Bifluoride

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ACID, SODIUM b-NAPHTHOL-6:8-DISULFONIC see G Salt

ACID, SODIUM PHOSPHATE see Sodium Phosphate, Mono-Sodium

ACID, SODIUM PYROPHOSPHATE see Sodium Acid Pyrophosphate

ACID, SORBIC

$CH_3CH:CH.CH:CH.COOH$. M.W. 112. White, crystalline solid. Sol. most organic solvents and in aqueous alkalies. Uses—intermediates; mfg. synth. resins, textile specialties, essential oils, pharmaceuticals.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ACID, SOZOLIC see Acid, Phenol Sulfonic

ACID, STEARIC (Acid, Cetylacetic, Acid, Stearinic, Acid, Octodecylic-n, Stearophanic, Acid, Octadecanoic)

$CH_3(CH_2)_{16}COOH$. M.W. 284.28. White, odorless amorp. Natural. Sp. gr. 0.847. M.P. 69.3°C. B.P. 383°C. Sol. alcohol, ether, carbon bisulfide, carbon tetrachloride, chloroform. Slightly sol. water. Uses—mfr. stearates, stearate driers, cosmetics, soaps, pyrotechnic compositions, candles, shoe and metal polishes; in medicine. Grades—saponified; distilled; single, double; triple pressed; U.S.P.
● Pkg—Bags, drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Atlas Powder Co, Wilmington 99, Del
J M Baird Co 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Binney & Smith Co, 41 E 42 St, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn.
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
M W Parsons-Plymouth, 59 Beekman St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
William H Scheel, 38 Franklin St, Bklyn 22, N Y
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Thomas J Shields Co, 11 Water St, N Y
George F Smith, 60 E 42 St, N Y 17
Stanalchem, Inc, 350 Madison Ave, N Y 17
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
E J Verde & Co, 335 Produce Exchange, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
Witco Chem Co, 260 Madison Ave, N Y 16
*Woburn Chem Corp. 1200 Harrison Ave, Harrison, N J

ACID, STEARINIC see Acid, Stearic

ACID, STIBIOUS see Antimony Oxide

STEARIC ACID

(ALL GRADES)

RED OIL

(ALL GRADES)

DISTILLED FATTY ACIDS

COTTONSEED

SOYA

CORN

TALLOW

HYDROGENATED FATTY ACIDS

For Rubber Buffing Stearates

WILSON-MARTIN DIV.

WILSON & CO., INC.

Snyder Ave. and Swanson St.

Phila. 48, Pa.

STEARIC ACIDS

Unlike usual "stearic" acids (which contain less than 50% stearic acid) are Armour's fractionally distilled Neo-Fat stearic acids:

NEO-FAT 18-61 (75% stearic) affords uniform high quality at reasonable cost. Used in rubber, stearates, buffing compounds, greases, etc.

NEO-FAT 18 (90% stearic) offers maximum stearic acid concentration. A superior raw material for metallic soaps, cosmetics, pharmaceuticals, rubber compounding, hard greases, chemical synthesis.

ARMOUR CHEMICAL DIVISION

Armour and Company

1355 W. 31st Street • Chicago 9, Illinois

CENTURY BRAND

STEARIC ACID

Oleic Acid — White Oleine

Hydrogenated Fatty Acids

Cottonseed Fatty Acids

Soya Fatty Acids

Corn Oil Fatty Acids

Tallow Fatty Acids

Specialty Fatty Acids

Glycerine

Pitch

W. C. HARDESTY CO., INC.

Century Stearic Acid Products Inc.

41 EAST 42nd ST., NEW YORK 17, N. Y.

FACTORIES: DOVER, OHIO

TORONTO, CAN.

DREW HYDROGENATED STEARIC ACIDS

DREW is one of the world's largest tonnage producers of distilled fatty acid products. Among these is Stearic Acid in grades up to 90%. Supplied primarily to leading manufacturers of non-ionic emulsifiers, cosmetics, medicaments, and the rubber industry. DREW Stearic Acid combines high titre with low iodine value, excellent color and mild odor.

E. F. DREW & CO., INC.

15 EAST 26TH STREET

NEW YORK 10, N. Y.

CHICAGO • PHILADELPHIA • BOSTON

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SULPHURIC ACID

MATHIESON
INORGANIC CHEMICALS*

Ammonia, Anhydrous	Chlorine, Liquid
Ammonia, Aqua	Dry Ice
Ammonium Sulphate	Nitrate of Soda
Bicarbonate of Soda	Nitric Acid
Calcium Hypochlorite	Soda Ash
Carbonic Gas	Sodium Chlorite
Caustic Soda	Sulphur, Processed
Chlorine Dioxide	Sulphuric Acid

* For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Industrial Chemicals Division
Baltimore 3, Maryland

ACID, SUBERIC (Octandioic Acid)

$C_8H_{14}O_4$. M.W. 174. White crystals. M.P. 140°C. B.P. 279°C. Sol. alcohol, water, ether.
● Pkg—Bottles.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ACID, SUCCINIC (Acid, Ethylenedicarboxylic, Acid, Ethylenesuccinic, Acid, Amber, Acid, Butanedioic)

$CO_2H(CH_2)_2CO_2H$. M.W. 118.05. Colorless cryst. Sp. gr. 1.562. M.P. 185°C. B.P. 235°C. Sol. water. Sl. sol. alcohol, ether. Uses—mfr., intermediates. synth. drugs, dyes, perfumes esters; as a disinfectant in medicine. Grades—tech.; C.P.
● Pkg—25, 100, 250 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

ACID, SULFAMIC

$HO\text{-}SO_2\text{-}NH_2$. M.W. 97.02. Crystalline, non-hydroscopic mineral acid. M.P. 205°C., with decomposition. Uses—Reagent in mfr. azo dyes and lake colors; leather tanning agent; ingredient in cleaning compounds; acidimetric standard in analytical work; intermediate for chemical syntheses.
● Pkg—Bottles, 50, 100 lb. drums, 400 lb. bbls.

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

ACID, SULFANILIC (Acid Para—Aminobenzenesulfonic, Acid Para—Anilinesulfonic)

$C_6H_4NH_2SO_3H.H_2O$. M.W. 191.14. Colorless cryst. M.P. chars at 280°C. Sol. hydrochloric acid. Sl. sol. water, alcohol, ether. Uses—mfr. intermediates, dyes, methyl orange. Grades—tech.: C.P.; pure.
● Pkg—275 lb. drums, 300 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fisher Chem Co, 220 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

ACID, SODIUM SULFATE see Sodium Bisulfate

ACID, SULFITE see Sodium Bisulfite

ACID, SULFONATED LAURIC

The sodium salt of sulfonated lauric acid finds use as a material in cosmetics, toothpastes, hair presp., etc. or wherever a water sol. lauric acid is desired or where emollient sudding is desired.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill

ACID, SULFOSALICYLIC

$C_6H_3OH.COOH.SO_3H$. White, cryst. solid. M.P. 100-110°C. Sol. water, alcohol. Uses—reagent for albumin. Grade—analytical.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fine Organics, 211 E 19 St, N Y 3
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SULPHURIC ACID
60° 66° 98% 100%

ELECTROLYTE ACID
from 1.225 Sp. G. to 1.835 Sp. G.
tankcars, tank transports, carboys

CORNWELL

Cornwell Chemical Corporation
Executive Offices: 24 E. 38th St., New York 16, N. Y.
Tel. MUrray Hill 3-0174
Philadelphia, Torresdale 4-7358 • Paterson, N. J., Lambert 5-2494
Cable Address: CORNCHEM
Works and Laboratories at Cornwell Heights, Pa.

ACID, SULFURIC (Dihydrogen Sulfate, Oil of Vitriol, Dipping Acid, Oleum, Hydrogen Sulfate see also Battery Acid)

H_2SO_4. Colorless to dark brown, oily liq. Sp. gr. 1.8342. M.P. 10.46°C. B.P. 210-238°C. Sol. water. Uses—mfr. inorganic and organic acids, nitric and hydrochloric acids, technical gases, hydrogen, hydrogen sulfide, carbon dioxide, sulfates of metals, hydrogen peroxide, alums, salt cake, synth. drugs, synth. perfumes, halogens, dyes, T.N.T., picric acid, smokeless powd., gun-cotton, nitroglycerine, sol. cotton, nitro-starch, nitro-sugar, stearin, fatty acids, liq. glue, yeast, mineral pigments, parchment paper, celluloid and pyroxylin plastics, candles, soap, glucose, syrups and refining sugar, rayon; as sulfonating agent in making intermediates and organic chemicals; fungicide; laboratory reagent; pickling agent for iron and steel; drying agent; mordant in dyeing and printing textiles; sour in bleaching cottons; resist in dyeing woolens; in storage batteries and ordinary cells; purifying fats and oils; solubilizing superphosphates; dehydrating foods; recovering ammonia as ammonium sulfate; neutralizing lime in glue making; tanning; refining precious metals; electroplating; cleaning bronze and brass; electrolytic refining of copper; metallurgy of cobalt, nickel, magnesium and other metals; washing tars; refining crude oils and petroleum products; photographic processes; process engraving; refining waxes; reclaiming rubber; recovering fatty acids; carbonizing wool; mercerizing cotton; in medicine. Grades—commercial, 66, 60, 50 deg. Oleum 60%, 40%, 20%, 98% acid; Fuming Sulfuric, U.S.P., U.S.P. dilute (10%); C.P.
● Pkg—Bottles, 5, 13 gal. carboys, 55, 110 gal. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
Aluminum Import Corp, 630 5 Ave, N Y 20
*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 1, Mo
*Blockson Chem Co, Joliet, Ill
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Calco Chem Div, Bound Brook, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Castle Color & Chem Co, 24 W 45 St, N Y 19

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Cornwell Chem Corp, 24 E 38 St, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Detroit Chem Works, 125 S Junction Ave, Detroit 9, Mich
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98 Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Esor Chem Co, 205 E 42 St, N Y
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hegeler Zinc Co, P O Drawer 599, Danville, Ill
Howe & French, 99 Broad St, Boston, Mass
*International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
Rosenthal Bercow Co, 25 E 26 St, N Y
*St Joseph Lead Co, 250 Park Ave, N Y 17
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ACID, SULFUROUS

H_2SO_3. Colorless, suffocating liq. or gas. Gas constants. Sp. gr. 1.4336B. M.P.—76.1°C. B.P. 10°C. Sol. water. Uses—mfr. intermediates, sulfites, bisulfites, hydrosulfites, alums, salt cake, sulfuric acid, flour, food products, sulfite liquors; as preservative fruits, nuts, foods and wines; laboratory reagent; refrigerant in ice machines; fire extinguisher in mine fires; in bleaching fats, oils, silk, wool, straw hats, wicker work, sponges, feathers, furs, plumes; softening hides; tanning; smelting and refining ores; disinfecting ships; refining crude oils and paraffins; refining and bleaching sugar; in medicine. Grades—tech.
● Pkg—40, 100 lb. carboys.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Virginia Smelting Co, W Norfolk, Va

ACID, SULFUROUS ANHYDRIDE see Sulfur Dioxide

ACID, SULPHOCARBOLIC see Acid, Phenol Sulfonic

ACID, SULPHOPHENYLIC see Acid, Phenol Sulfonic

ACID, TANNIC (Tannin, Acid, Digallic, Acid, Gallotannic)

$C_{14}H_{10}O_9$. M.W. 322.08. Faintly yellowish amorp. powd. Decomp. at 200°C. M.P. 200°C. Sol. water, alcohol, acetone. Uses—mfr. tannates, gallic acid, pyrogallol, synth. drugs with metallic salts, organic bases, etc., writing and printing inks, metal coloring solutions, stove polishes, rubber substitutes; as tanning agent; alcohol denaturant; laboratory reagent; precipitant of gelatin in galvano plastic work; mordant in dyeing paper; deodorant for crude oil; general mordant in dyeing and printing textiles; clarifying agent wines and beers; in colloid solutions of noble metals; nickeling; copper coatings on brass; fur carroting; sizing paper; photographic processes; in medicine. Grades—U.S.P.; fluffy; C.P.; tech.
● Pkg—25, 100, 200, 225, 250 lb. bbls., drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Roland Corp, 16 Hudson St, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Fred L. Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Color & Chem Co, 374 Main St, Belleville 9, N J

TANNIC ACID
PYROGALLIC ACID
GALLIC ACID

TANNIC ACID
N.F. Powder, N.F. Fluffy, A.R.*, and Technical Grades

PYROGALLIC ACID
N.F., A.R., and Photo Grades

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N.F., A.R., and Technical Grades

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*Trade Mark

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CREAM OF TARTAR
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TARTAR EMETIC
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ACID, TANNIC cont'd

*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Zinsser & Co, Hastings-on-Hudson, N Y

ACID, TAR

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Cole Labs, 42-25 9 St, L I C 1, N Y
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
William D Neuberg Co, 420 Lexington Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co., 1905 Grant Bldg, Pittsburgh 19, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

ACID, TARTARIC (Acid, Racemic—Tartaric, Acid, Dihydroxysuccinic, Acid, Dihydroxy-butanedioic)

$C_2H_2(OH)_2(COOH)_2$. Colorless cryst. Sp. gr. 1.7598. M.P. 170°C. Sol. water, alcohol, ether. Uses—mfr. tartrates, cream of tartar, tartar emetic, intermediates, organic chemicals, dyes, baking powd., sweetmeats, effervescent beverages, confectionery, bakery products, fruit esters, artificial wines, Schnitzler's green; as silvering and tanning agent; brightener of silks; resist and discharge in printing and dyeing textiles; tendering agent for cotton; in metal coloring compositions; printing and developing photographs; in medicine. Grades—U.S.P.; cryst.; powd.; granular; C.P.; tech.

● Pkg—25, 50, 100, 230, 250 lb. bbls., drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
Arnida Products Co, 15 Whitehall St, N Y 4
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
International Commodities Corp, 11 Mercer St, N Y 13
*Kingston Chem Co, 15 Williams St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mercantile Import & Export Corp, 21 E 40 St, N Y 16
Merchants Chem Co, 60 E 42 St, N Y 17
*Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
William D. Neuberg Co, 420 Lexington Ave, N Y 17
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Charles Pfizer & Co, 630 Flushing Ave., Bklyn 6, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore.
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
O J Weeks Co, 44 N Moore St, N Y 13

ACID, TEREPHTHALIC

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6

ACID, TETRAHYDROXY-HEXANEDIOIC see Acid, Mucic

ACID, TETRAPHOSPHORIC

$H_6P_4O_{13}$. Sp. gr. 2.060 at 20°C. Practically a water-white, viscous liq. When diluted with water reverts to O-phosphoric acid. It is a material of high P_2O_5 content with no water present except that of chemical combination.

● Pkg—13 gal. Carboys.

City Chem Corp, 132 W 22 St, N Y 11
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md

ACID, THIOGLYCOLLIC (Mercaptoacetic Acid)

$HS.CH_2.COOH$. M.W. 92.09. Colorless liq. strong unpleasant odor. Sp. gr. 1.325. M.P.—16°C. B.P. 104-106°C. at 15 mm. Uses—as sensitive reagent for iron; mfr. of thioglycollates, permanent wave solutions & depilatories.

● Pkg—1, 6½, 13 gal. Carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Evans Chemetics, 250 E 43 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Halby Products Co, Terminal Ave, P O Box 366, Wilmington 99, Del
Mutchler Chem Co, 258-259 Broadway, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Shepard Chem Corp, 117 Liberty St, N Y 6

ACID, THIOPHENE-2-CARBOXYLIC

C_4H_3SCOOH. M.W. 128.13. Colorless cryst. Uses—in organic synthesis.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Arapahoe Chem, 2800 Pearl St, Boulder Col
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ACID, THIOSALICYLIC

HSC_6H_4COOH. M.W. 154.18. Light yellow needles. M.P. 164-165°C. Sl. sol. water; sol. alcohol, gl. acetic

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Hastings-on-Hudson, N. Y.

Established 1897

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acid. Uses—reagent for the determ. of iron; pharmaceut. preps.
● Pkg—drums.

*American Bio-Synthetics Co, 710 W National Ave, Milwaukee 4, Wis
*Bios Labs, 17 W 60 St, N Y 23
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Maumee Development Co, 2 Oak St, Toledo 5, Ohio
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill

ACID, TITANIC ANHYDRIDE see Titanium Dioxide

ACID, TOBIAS (2—Naphthylamine—1 Sulfonic Acid)

$C_{10}H_8NO_3S$. White needles. Decomp. at 230°C. Sol. hot water. Uses—mfr. azo dyes. Grades—tech.
● Pkg—250, 275 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

ACID, TOLUENESULFONIC

$C_6H_4(SO_3H)(CH_3)$. M.W. 172.12. Sol. alcohol, ether. Uses—dyes, organic synthesis. Grades—tech.
● Pkg—100, 500 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

ACID, p-TOLUENESULFONIC (4-Methylbenzenesulfonic Acid)

$CH_3C_6H_4SO_3H$. M.W. 172.12. Monoclinic leaf or gr. M.P. 106-7. B.P. 140°C. @ 20 mm. Hg. Sol. alcohol, ether. Sl. sol. water. Uses—intermediate, penetrating agent for certain uses. Grades—74% anhydrous.
● Pkg—75, 100, 200 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ACID, TRANSCROTONIC see Acid, Crotonic

ACID, TRICHLOROACETIC

CCl_3COOH. M.W. 163.38. Colorless, very deliq. cryst. M.P. 57-58°C. Sol. water, alcohol, ether. Uses—as an escharotic, astringent, hemostatic in medicine; precipitant of protein; decalcifier and fixer in microscopy.
● Pkg—18 x 5 lb. bottles/case, 45 lb. jars.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ACID, TRICHLOROPHENOXYACETIC

● Pkg—50, 200 lb. drums.

*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

ACID, TRIFLUOROACETIC

CF_3COOH. M.W. 114.03. Colorless fuming liq. sharp odor. B.P. 72.4°C. Uses—organic syntheses.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Minnesota Mining & Mfg Co, 900 Fauquier St, St Paul 6, Minn

ACID, TRIHYDROXYBENZOIC see Acid, Gallic

ACID, TRIOXYBENZOIC see Acid, Gallic

ACID, TUNGSTIC (Acid, Wolframic, Acid, o-Tungstic)

H_2WO_4. M.W. 250.02. Yellow powd. Sp. gr. 5.5 M.P. 100°C. Sol. alkalies, hydrofluoric acid. Insol. water. Uses—mfr. tungstates, tungsten wire, plastics; as metal mordant; resist in dyeing and printing.
● Pkg—200, 275, 300 lb. drums.

*J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa
*Varlacoid Chem Co, 116 Broad St, N Y 4

ACID, o-TUNGSTIC see Acid, Tungstic

ACID, UMBELLIC see Acid, Anisic

ACID, UNDECYLENIC

$CH_2{:}CH(CH_2)_8COOH$. M. W. 174. Colorless liq. Uses—medical preps.
● Pkg—6, 13, gal. carboys; 5, 10, 50 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Wallace & Tiernan Products, 1 Main St, Belleville 9, N J

ACID, UNDECYLIC (Undecanoic Acid)

$CH_3(CH_2)_9COOH$. M.W. 186.29. Colorless crystalline solid. M.P. 30°C. Insol. water; sol. organic solvents. Uses—organic synthesis.
● Pkg—Custom packed.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Wallace & Tiernan Products, 1 Main St, Belleville 9, N J

ACID, URIC (Triketopurine)

$C_5H_4O_3N_4$. M.W. 168.06. Sp. gr. 1.893 at 20°C. Cryst., white powd. Sl. sol. water; insol. alcohol, ether; sol. strong alkalies. Uses—mfr. pharmaceuticals, as a laboratory chemical.
● Pkg—Custom packed.

*American Quinine Co, 15 William St, N Y 5
*Bios Labs, 17 W 60 St, N Y 23
*Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

EVANS CHEMETICS, INC.

Manufacturers of—

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(VACUUM DISTILLED THIOGLYCOLIC ACID)

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CALCIUM THIOGLYCOLATE

SODIUM THIOGLYCOLATE

MONOCHLORHYDRIN

ISO OCTYL THIOGLYCOLATE

THIOVANOL
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250 East 43rd Street
New York 17, N.Y.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kingston Chem Co, 15 William St, N Y 5
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

ACID, VALERIC (Acid, Pentanoic)

C_4H_9COOH. Colorless liq. B.P. 186°C. Sp. gr. 0.940. Sl. sol. water; miscible alcohol, ether. Uses—syntheses for flavors, perfumes.

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Trubek Labs, State Hway #17, E Rutherford, N J

ACID, VANADIC ANHYDRIDE see Vanadium Pentoxide

ACID, VINEGAR see Acid, Acetic

ACID, WOLFRAMIC see Acid, Tungstic

ACID, XYLENE SULFONIC

*Distillation Products Industries, 75 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

ACIDS, AMINO

Various organo-nitrogen acids such as arginine, cysteine, cystine, glycine, alanine, serine, phenylalanine, tyrosine, valine leucine, proline, tryptophan, aspartic, glutamic, lysine, histamine, histidine, etc. Available in pure form or in balanced mixtures. Uses—pharmaceutical and food.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American Bio-Synthetics Corp, 710 W National Ave, Milwaukee 4, Wis
American Roland Corp, 16 Hudson St, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

New "BIOS" Chemicals

AMINO ACIDS AND PROTEINS

ε-Aminocaproic Acid
Canavanine
Citrulline
Clupein
Collagen
Cysteic Acid
DOPA
Ethionine
Fibrin
Fibrinogen
Fibroin
Gliadin
Globuline
Gluten
Hemoglobin
Hydroxyproline
Lysine Monohydrochloride
Methionine
Myoglobin
Norleucine
Norvaline
Nucleoprotein
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Proline
Protamine Sulfate
Salmine
Sarcosine
Serine
Spermine
Wheat Protein

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ACIDS, AMINO cont'd

Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr, Chicago 6, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Nordmark Chem Co, 73-12 187 St, Flushing, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Winthrop-Stearns, 1450 Broadway, N Y 18

ACIDS, FATTY, DISTILLED

Uses—mfr. synth. resins; soaps; kier assistant, driers, metal polishes, insecticides; mfr. pulp and paper; textile finishing compound and lubricant; mfr. pharmaceuticals, carbon paper, typewriter ribbons; rubber softeners, wetting agent for pigments; mfr. flooring compounds, black paints, driers for varnishes; dispersing agents for carbon black in rubber; lubricants, cutting agents for steels, drying and lithographic oils, plasticizers for gums; gasoline resistant coatings.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Arizona Chem Co, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
Chematar, Inc, 40 Exchange Pl, N Y 5
Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn

AMERICAN ROLAND CORPORATION

16 HUDSON STREET, NEW YORK 13, N. Y.

AMINO ACIDS
ANTI-HISTAMINICS
BIOCHEMICALS
INTERMEDIATES
ANTIBIOTICS
BARBITURATES
HORMONES
SULPHA DRUGS
VITAMINS

AMINO ACIDS

●TRYPTOPHAN
●METHIONINE
●LEUCINE
●TYROSINE
●PHENYLALANINE
●VALINE
●SERINE
●THREONINE

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Winthrop-Stearns INC.
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DREW DISTILLED FATTY ACIDS

FRACTIONATED—
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Custom made to any specification

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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

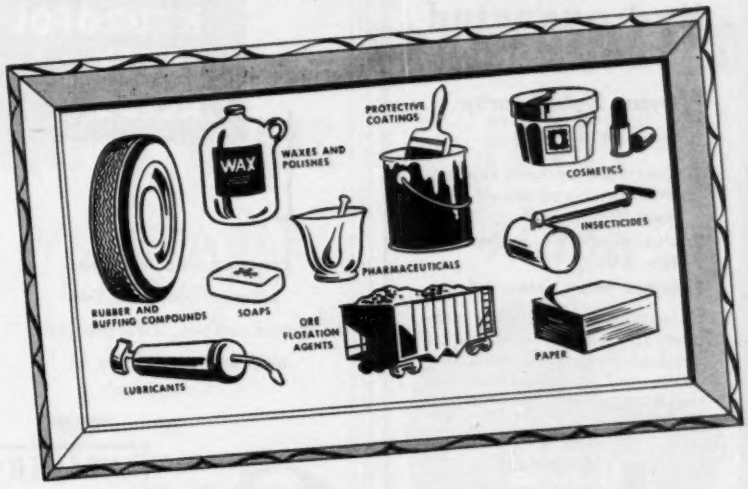
*W C Hardesty Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
***Southern Cotton Oil Co, 25 Broad St, N Y 4**
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
***Vitamins, Inc, 809 W 58 St, Chicago 21, Ill**
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
***Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J**

ACIDS, FATTY, HYDROGENATED

●Pkg—50 lb. bags.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Hummel Chem Co, 90 West St, N Y 6
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill

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FATTY ACIDS
• Tallow
• Cottonseed
• Corn Oil
• Soybean
• Cocoanut Oil
• Red Oil (Oleic Acid)
Stearic Acid
Hydrogenated Fatty Acids
Welch, Holme & Clark
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439 WEST STREET NEW YORK 14, N.Y.
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Improved General Mills Aliphats (fatty acids) have a consistent record of high quality and top performance in the manufacture of the above products, and for other exacting industrial uses.

FRACTIONALLY-DISTILLED VEGETABLE AND ANIMAL FATTY ACIDS
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Tall Oil Fatty Acids
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SATURATED FATTY ACIDS— COMMERCIALLY PURE AND MIXED
Stearic Acid
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General Mills, Inc.
CHEMICAL DIVISION
Kankakee, Illinois

*Company classifies itself as manufacturer or producer of this product
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Hystrene* Hydrogenated Fatty Acids

mean highest purity in 3 ways

1. Controlled uniform concentrations of true stearic acid from 70% to 90%.
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Exceptionally high color stability at elevated temperatures. Particularly suitable for soaps, esters and other derivatives.

*Trade Mark of The HumKo Co., Trendex Div.

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CHEMICAL PRODUCTS DIVISION
2191 West 110th Street
Cleveland 2, Ohio

ACIDS, FATTY, HYDROGENATED cont'd

*Maxim Chem Co, 44 Cliff St, N Y 38
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14
White Cross Labs, 79 Wall St, N Y
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

ACIDS, FATTY WOOL GREASE

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Croda, Inc, 51 Madison Ave, N Y
Elbert & Co, 2 Broadway, N Y 4
European Chem Co, 366 Broadway, N Y 13
*Fanning Chem Corp, 352 Doremus Ave, Newark 5, N J
*Hummel Chem Co, 90 West St, N Y 6
*Lanaetex Products, P O Box 52, Sta A, Elizabeth 1, N J
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ACIDS, PHOSPHINIC

$RPHO_2H$. Kerosene phosphinic acid contains a phosphorus-to-carbon linkage and is derived from the hydrocarbons contained in kerosene. It is a brittle, glassy solid of low melting point, soluble in most common organic oxygenated solvents. Benzene phosphinic acid has a characteristic phosphine-like odor. They have possible application as insecticides and fungicides as well as other applications characteristic of organic phosphorus compounds.
● Pkg—5, 13 gal. carboys.
Bios Labs, 17 W 60 St, N Y 23
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ACIDULLA see Acid, Glutamic Hydrochloride

ACONITIC ANHYDRIDE

● Pkg—Custom packed.
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

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HYDROGENATED FATTY ACIDS and STEARIC ACID

also

Cocoanut Fatty Acid
Cottonseed Fatty Acid
Linseed Fatty Acid Water White
Soya Fatty Acid Water White
Soya Fatty Acid Regular Distilled
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1190 Harrison Ave., Kearny, New Jersey

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DISTILLED FATTY ACIDS

For Modern Industry

Stearic
Oleic
Coconut
Soya Bean
Cotton Seed
Palm

Send for samples and free booklet "Fatty Acids in Modern Industry."

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• FATTY ACIDS
• STEARIC ACID
• GLYCERINE
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• LARD OIL
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EASTERN OFFICE: 311 Produce Exchange Bldg. New York, N.Y. • Whitehall 4-5198
REFINERY: Neville Island, Pa. • Fe 1-0367

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ACRIDINE

$C_{13}H_9N$. Small, colorless cryst. M.P. 111°C. B.P. above 360°C. Sublimes at 100°C. Sol. ether, alcohol, carbon bisulfide; alti. sol. hot water. Uses—mfr. dyestuffs, intermediates.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
Henley & Co, 801 2 Ave, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

ACROLEIN (Acrylic Aldehyde, Propenal, Allyl Aldehyde, Ethylene Aldehyde)

CH_2CHCHO. M.W. 56.03. Colored liq. Sp. gr. 0.84. M.P. —87.7°C. B.P. 52.5°C. Sol. water, alcohol, ether. Inflammable. Uses—in petroleum solvent extraction processes; organic synthesis; in chemical warfare.
● Pkg—5, 55 gal. drums.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ACRYLAMIDE

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ACRYLYL CHLORIDE

● Pkg—Bottles.

*Bios Labs, 17 W 60 St, N Y 23
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ACRYLIC ALDEHYDE see Acrolein

ACRYLIC LIQUID see Methyl Methacrylate, MONOMER

FATTY ACID · VEGETABLE · CAPITAL · ANIMAL · FISH OIL

Distilled
FATTY ACIDS

●

VEGETABLE
Cottonseed F.A.
Corn F.A.
Soya F.A.
Coconut F.A.

●

OLEIC ACID
(Red Oil)
STEARIC ACID
ANIMAL FATTY ACID
Hydrogenated Tallow and Fish Oil Fatty Acids

THE CAPITAL CITY PRODUCTS COMPANY
Columbus 16, Ohio

FATTY ACIDS
of

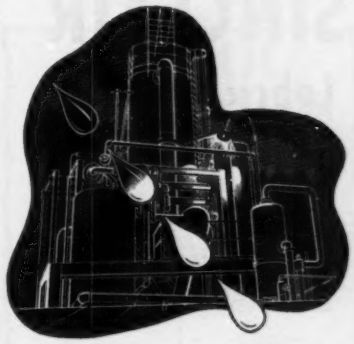
Coconut Oil
Cottonseed Oil
Peanut Oil
Tallow
Corn Oil
Palm Oil
Soybean Oil
Red Oil
Stearic Acid

HUMMEL CHEMICAL COMPANY
INCORPORATED
90 WEST STREET NEW YORK 6, N. Y.
TELEPHONE: Barclay 7-6630

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DISTILLED—SPLIT
COTTONSEED PITCH
VEGETABLE OILS—ALL GRADES
OIL SEED CAKES—MEALS

THE SOUTHERN COTTON OIL CO.
25 Broad St., New York 4, N. Y.
Bowling Green 9-4190 Cable: Sothernoil

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Armour's fractionally distilled fatty acids include commercially pure grades of:

Caprylic Acid
Capric Acid
Lauric Acid
Myristic Acid
Palmitic Acid
Stearic Acid
Double Pressed Stearic Acid

. . . as well as special mixtures of these acids and oleic-linoleic mixtures.

Also available are double distilled mixed acids:

Cottonseed
Corn Oil
Soybean
Coconut
Linseed
Palm Oil
Animal

For technical bulletins or samples, write:

ARMOUR CHEMICAL DIVISION
Armour and Company
1355 West 31st Street · Chicago 9, Illinois

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ACRYLONITRILE (Propene Nitrile)

CH_2CHCN. M.W. 53.03. Colorless, inflammable liq. B.P. —77°C. M.P. —83°C. to —84°C. Partially miscible with water. Uses—intermediate in production of synth. rubbers.

● Pkg—5 gal. cans, 55 gal. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
°Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
°Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex
°Republic Chem Corp, 94 Beekman St, N Y 38
Stanalchem, Inc, 350 Madison Ave, N Y 17

ACTIVATORS, INSECTICIDE

Products that increase the effectiveness of insecticides by retarding oxidation, acting as a solvent for toxic resins, or serving as an emulsifying, wetting and spreading agent.

°Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
°Chemical Insecticide Corp, 129 Montaque St, Bklyn, N Y
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
°S B Penick & Co, 50 Church St, N Y 7
John Powell & Co, 1 Park Ave, N Y 16
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ACTIVATORS, RUBBER

Chemical compounds, chiefly organic, which speed the curing process of rubber and improve the quality of the product. See also Aniline, Antimony Sulfide, Di-o-Tolylguanidine, Di-phenylguanidine, p-Nitrosodimethylaniline, Thiocarbanilide, Triphenylguanidine, etc.

*Alrose Chem Co, Box 1294, Providence 1, R I
°Burgess Chem Co, 64 Hamilton St, Paterson 1, N J
°Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
°General Mills, 400 2 Ave S, Minneapolis, Minn
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
°Emil Klemm Inc, 88 I St, Salt Lake City, Utah
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
°Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
°Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Witco Chem Co, 260 Madison Ave, N Y 16

ADDITIVES, LUBRICANT

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
°Antara Chem Div, 435 Hudson St, N Y 14
°Argus Chem Lab, 633 Court St, Bklyn 31 ,N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
°Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del
°Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Enjay Co, 15 W 51 St, N Y 19
European Chem Co, 366 Broadway, N Y 13
°Haas Miller Corp, 47 & Bristol Sts, Phila 40, Pa
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
°Harsyd Chem, 397 W 21 St, Holland, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
°Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
°Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*M Michel & Co, 90 Broad St, N Y 4
°Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
°Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
°National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Penetone Co, Tenafly, N J
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
George F Smith, 60 E 42 St, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Superior Materials, 120 Liberty St, N Y 6
R T Vanderbilt Co, 230 Park Ave, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
°Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wasco Engrg Corp, 601 W 26 St, N Y 1

ADDITIVES, STEEL

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
°New Process Metals, 46-50 Center St, Newark 2, N J

ADDITIVES, WAX

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
°Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
°Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*Dow Corning Corp, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
°Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
William D Neuberg Co, 420 Lexington Ave, N Y 17
°Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
°Science Industries, 1509 N Broadway, St Louis 6, Mo
*L Sonneborn Sons, 300 4 Ave, N Y 10
°Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
°Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

ADEPS LANAE see Lanolin

ADEPS MINERALIS see Petrolatum

ADHESIVE BASES

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
°Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
°American Products Mfg Co, 3127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
°Borden Co, Chem Div, 350 Madison Ave, N Y 17
°Burtonite Co, P O Box 7, Nutley 10, N J
°Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
°Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*English China Clays Sales Corp, 551 5 Ave, N Y 17
°General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
°Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
°Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Madison Glue Corp, 200 W 34 St, N Y 1
°Mathe Chem Co, 169 Millbank St, Lodi, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
°Monsanto Chem Co, Plastics Div, Springfield 2, Mass
°Morningstar, Nicol, 630 W 51 St, N Y 19
°National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y

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Lubricating Oil Additives

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Anti-Oxidants
Detergents

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ORONITE CHEMICAL COMPANY

LUBE OIL ADDITIVES

Naphthenic Acids • Polybutenes • Wetting Agents • Sodium Sulfonates • Phthalic Anhydride • Copper Naphthenate • Detergent D-40 (Flakes, Granules, Powder) and D-60, Alkane, Slurry Aliphatic Acids • Gas Odorants • Nonionic Surfactants • Dispersant FO (Furnace Oil Inhibitor) • Maleic Anhydride • Phenol, U.S.P.

ORONITE CHEMICAL COMPANY

38 Sansome Street, San Francisco 4, Calif. — **30 Rockefeller Plaza, New York 20, N. Y.**
Standard Oil Bldg., Los Angeles 15, Calif. — **600 S. Michigan Avenue, Chicago 5, Ill.**
Mercantile Securities Bldg., Dallas 1, Texas

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
°Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
°Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
°Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*Shawinigan Products Corp, 350 5 Ave, N Y 1
°Southern Naval Stores Div, Columbia, Miss
°Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

ADHESIVES

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
°Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
°American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
°American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
°Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
°Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
°Barrett Div, 40 Rector St, N Y 6
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Burtonite Co, P O Box 7, Nutley 10, N J
*Catalin Corp of America, 1 Park Ave, N Y 16
°Chemical Development Corp, Endicott St, Danvers, Mass
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
°Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
°Dearborn Chem Co. 375 Merchandise Mart, Chicago 54, Ill
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
°General Elec Co, Chem Div, Pittsfield, Mass
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*H V Hardman Co, 571 Cortlandt St, Belleville 9, N J
°Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Madison Glue Corp, 200 W 34 St, N Y 1
°Marblette Corp, 37-21 30 St, L I C 1, N Y
°Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Marks Chem Works, 20 W 22 St, N Y 10
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
°Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette Ave, Detroit 2, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
°Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
°Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
°Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
°Reichhold Chem, 630 5 Ave, N Y 20
*Rogers Isinglass & Glue Co, 210 Eastern Ave, Gloucester, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
°Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Stiktotin Co, 20 W 22 St, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
°Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
Joseph Turner & Co, Ridgfield, N J
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ADHESIVES, RUBBER

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
°American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Burtonite Co, P O Box 7, Nutley 10, N J
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51 Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
°Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
°Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
°Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
°Marbon Corp, 1927 W 10 Ave, Gary, Ind
°Marks Chem Works, 20 W 22 St, N Y 10
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
°Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette Ave, Detroit 2, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
°Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubba, Inc, 1015 E 173 St, N Y 60
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
°Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
°Stiktotin Co, 20 W 22 St, N Y 10
°Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass

ADORIN see Formaldehyde

ADSORBENTS

°Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
°Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa

ARABOL ADHESIVES
for

CASE SEALING
CAN LABELING
BOTTLE LABELING
CARTON SEALING
PACKAGE WRAPPING
PAPER BOXES
BOOK BINDING
ENVELOPES

PRINTERS' SUPPLIES
LEATHER GOODS
PAPER CONVERTING
SODA STRAWS
DRINKING CUPS
PAPER MILK BOTTLES
TEXTILE SIZINGS
LAUNDRY STARCHES

THE ARABOL MANUFACTURING CO.
Executive Offices: 110 East 42nd St., N. Y. 17
CHICAGO 50—1835 S. 54th Avenue
SAN FRANCISCO 3—1950 16th Street
LOS ANGELES 22—6455 E. Canning St.
ATLANTA 3—225 Moore Street, S. E.
BOSTON 9—12 Commercial Wharf
PHILADELPHIA 47—600 S. Delaware Ave.
ST. LOUIS 4—2500 Texas Avenue
PORTLAND 14, OREGON—208 S. E. Hawthorne Blvd.
ITASCA 99, TEXAS—4 Old Hillsboro Highway
LONDON E.C. 4—Wardrobe Chambers, 146A Queen Victoria Street

PENACOLITE® ADHESIVES

● "Penacolite" resorcinol-formaldehyde synthetic resin adhesives are products especially adapted to the bonding of wood and other cellulosic materials, rubber, fiber boards, asbestos boards, and laminated phenolic plastics. The "Penacolites" are thermo-setting resins which cure at room temperature to give waterproof, and weather-proof bonds.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.
KOPPERS®

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ADSORBENTS cont'd

Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Johns-Manville, 22 E 40 St, N Y 16
L A Salomon & Bro, 216 Pearl St, N Y 38
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ADSORBENTS, OIL & GREASE

*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Floridin Co, 220 Liberty St, Warren, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angees 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Wasco Engrg Corp, 601 W 26 St, N Y 1
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ADUROL see Chlorohydroquinone

AEROSOL CONCENTRATES

*Chemical Insecticide Corp, 57 13 St, Bklyn 15, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Mnn
*John Powell & Co, 1 Park Ave, N Y 16
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

AETHER ACETICUS see Ethyl Acetate

AETHON see Triethyl o-Formate

AGAL see Agar

AGAR (Agal, Bengal, Japan or Chinese Isinglass, Japanese Gelatin, Layor—Carang)

A vegetable gelatin extracted from various marine algae from Pacific and Indian Oceans. Colorless, amorp. Solid. Sol. hot water. Uses—mfr. adhesives; as thickener for soups, ice cream, milk and other foods; nutrient for bacterial cultures; size for silk; thickener and ingredient in dyeing and printing textiles; in sensitized photographic emulsions; in medicine. Grades—U.S.P. No. 1, 2, 3, as to quality and color. American agar, large flake, small flake, ground, bolted.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American Agar & Chem Co, Hancock & W Washington Sts, Box 431, San Diego 12, Cal
J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
Burtonite Co, P O Box 7, Nutley 10, N J
Consumers Products Co, 99 Hudson St, N Y 13
T M Duché & Sons, 117 Hudson St, N Y 13
Enco Chem Corp, 441 Lexington Ave. N Y 17
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co. 163 Broadway, N Y 6
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
George Uhe Co, 76 9 Ave, N Y 11
O J Weeks Co, 44 N Moore St, N Y 13

AIR DE-HUMIDIFIERS

*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Solvay Process Div, 61 Broadway, N Y 6

ALABASTER see Gypsum

FLORIDIN PRODUCTS

derived from

FLORIDA FULLERS EARTH
ACTIVATED BAUXITE

serve many uses in Industry:

Adsorbent • Colloidal • Flocculant
Drying Agent • Filler • Suspension Builder
Catalyst • Catalyst Carrier • Catalyst Builder
Bleaching Agent • Filter Aid

●

Ask for Bulletins
Consultation is Invited

FLORIDIN COMPANY

Adsorbents • Desiccants • Diluents

Dept. L, 220 Liberty St., Warren, Pa.

ALANINE

$C_3H_7O_2N$. M.W. 89.08. White cryst.; sol. water, alcohol; insol. ether.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

b-ALANINE

$NH_2CH_2CH_2COOH$. M.W. 89.1. White, crystalline solid. Very sol. water; sl. sol. methyl alcohol; insol. ethyl ether, benzene, naphtha, ethyl acetate. Uses—synthesis of pantothenic acid.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Merck & Co, Rahway, N J
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y
*R P Scherer Corp, 9425 Grinnell Ave, Detroit 13, Mich

ALAPURIN see Lanolin

ALBUMIN, BLOOD

Natural product prepared from serum drained from blood. Brown, amorp. lumps. Sol. alcohol, water. Uses—mfr. albuminates, dye preps, sweetmeats, baked products, foodstuffs, adhesives, special varnishes, artificial ivory; fixing gold on leather; finishing leather; paper size; in lustrous coating compositions for photographic papers; mordant in dyeing and printing; wine clarifying agent; in medicine. Grades—tech., light and dark.

Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
Paul A Dunkel & Co, 1 Wall St, N Y 5
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Philipp Bros Chem, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

ALBUMIN, EGG (Ovalbumin)

Natural product prepared by drying egg whites. Yellowish, amorp. lumps or powd. Sol. alcohol. Uses—mfr. leather, varnishes, adhesives, ivory substitutes, foodstuffs; as wine clarifying agent; in finishing leather; in photography; fixing certain dyes. Grades—tech.; edible.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*J T Baker Chem Co, Phillipsburg, N J
Bios Labs, 17 W 60 St, N Y 23
Cole Labs, 42-25 9 St, LIC 1, N Y
Consumers Products Co, 99 Hudson St, N Y 13
*T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Meer Corp, 318 W 46 St, N Y 36
*Merck & Co, Rahway, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
O J Weeks Co, 44 N Moore St, N Y 13

ALBUMIN, MILK (Wheyalbumin)

An albumene prepared from milk by coagulating the casein. Uses—mfr. adhesives, varnishes, ivory substitutes.

*Avoset Co, 1530 Spring Garden St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23

ALBUMIN, TANNATE

Yellowish-white, odorless powd. Uses—in medicine.
● Pkg—Drums.

*Bilhuber-Knoll Corp, 377 Crane St, Orange, N J
Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

ALCOHOL, ALLYL (Propenol, Propenyl Alcohol)

CH_2CHCH_2OH. M.W. 58.05. Colorless liq. of pungent odor. Sp. gr. 0.855. M.P. —129°C. B.P. 97°C. Sol. alcohol, water, ether. Uses—mfr. intermediates, organic

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

chemicals, military gas, pharmaceutical derivatives. Grades —tech. in strengths up to 30%.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, n-AMYL (Fusel Oil, Grain Oil, Pentanol Normal Butyl Carbinol, Amylhydroxide, Potato Spirits)

$C_5H_{11}OH$. Colorless liq. Sp. gr. 0.82 (20°C). B.P. 137°. Sol. alcohol, ether. Sl. sol. water. Wt. per gal. 6.83 lbs. Uses—solvent for oils, camphor, resins, sulfur, phosphorus, iodine, alkaloids, spirit varnishes, artifical fruit essences, dyestuffs, perfume preps., dyeing textiles, vulcanization of rubber, purification of minerals. Grades—C.P.; tech.
● Pkg—55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar Inc, 40 Exchange Pl, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
L J & M La Place, Lellarts Lane, E Paterson, N J
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Publicker Industries, 1429 Walnut St, Phila, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Shepard Chem Corp, 117 Liberty St, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, sec.—AMYL (Methylpropyl Carbinol, Dipentanol)

$CH_3CHOH(C_2H_7)$. M.W. 88.09. Water-white liq. Sp. gr. at 20°/20°C 0.810-0.816. Wt. per gal. at 20°C 6.76 lb. Fire hazard. Combustible, but not inflammable. Flash point over 80°F. Uses—mfr. secondary amyl acetate; as a part of lacquers and lacquer thinners; synthesis of ketones; prep. of other organic solvents.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Bell Chem Co, 25 W 44 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, tert.—AMYL (Amylene Hydrate, Dimethylethylcarbinol)

$(CH_3)_2C(OH)CH_3$. M.W. 88.09. Colorless liq., camphor odor. Sp. gr. 20°C 0.810. M.P.—12°C. B.P. 101.8°C. Sol. alcohol, ether; sl. sol. water. Wt. per gal., 6.75 lbs. distillation. Uses—mfr. intermediates, fruit flavors; plasticizer in paints, varnishes, and cellulose ester plastics. Grades—C.P.; tech.
● Pkg—1, 5, 10 lb. bottles.

J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, AMYL-ISO (Isobutyl Carbinol)

$(CH_3)_2CHCH_2CH_2OH$. Mixture approx. 85% iso-amyl-alcohol and 15% active amyl alcohol. Water white liq. Sp. gr. at 20°/20°C 0.811-0.815. F.P. 111°F. B.P. 131°C. Fire hazard. Combustible, but not inflammable; flash point over 80°F. Wt. per gal. at 20°C 6.76 lbs. Uses—as an intermediate in the mfr. of fine chemicals and pharmaceuticals.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
W W Angus, 220 Broadway, N Y 38
J T Baker Chem Co, Phillipsburg, N J
Bell Chem Co, 25 W 44 St, N Y 36
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Publicker Industries, 1429 Walnut St, Phila, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co, Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, AMYL, MIXED ISOMERS

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Bell Chem Co, 25 W 44 St, N Y 36
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, ANISYL

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ALCOHOL, BENZYL (Phenmethylol, Phenyl Carbinol, Alpha-Hydroxytoluene)

$C_6H_5CH_2OH$. Colorless liq., faint, aromatic odor. Sp. gr. 1.043 (20°C). B.P. 204.7°C. Sol. water, alcohol, methanol, ether. Uses—mfr. intermediates, esters, organic chemicals, airplane dopes, varnishes, artificial perfume preps.; in medicine. Grades—tech.; pure.
● Pkg—1, 5 gal cans, 100 gal. carboys, 450 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Barclay Chem Co, 75 Varick St, N Y 13
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11

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190 proof
Specially denatured grades
Completely denatured grades
Proprietary grades
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237 SOUTH STREET NEWARK 5, N. J.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

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ALCOHOL, BENZYL cont'd

*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Lack Chem Co, 19 Park Pl, N Y 7
Philip J Lo Bue Co, 277 Park Ave, N Y 17
°A Maschmeijer, Jr, 45 W 16 St, N Y 11
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
°Millmaster Chem Corp, 11 W 42 St, N Y 36
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Polak & Schwarz, 667 Washington St, N Y 14
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Tombarel Products Corp, 12 E 22 St, N Y 10
*Trubek Labs, State Hway #17, E Rutherford, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, BORNYL see Borneol

ALCOHOL, n-BUTYL (Alcohol Butyric, Butanol, Propylcarbinol Butylhydroxide, Hydroxybutane)

$CH_3(CH_2)_2CH_2OH$. M.W. 74.08. Colorless liq., vinous odor. Sp. gr. 0.810 (20°C). B.P. 117.7°C. M.P. —89° C. F.P. 35°C. Sol. water, alcohol, ether. Uses—mfr. esters, butyric acid, butyl derivatives, butenes high temp. extractions and alcoholic saponifications, dyestuffs, color bases, fruit essence, artificial leather, leather coatings, paints, varnishes, japans, dopes, lacquers, perfume preps., artificial musk, pharmaceuticals; solvent fats, oils, gum, films, moving picture films, celluloid, plastics, wax, resin, vehicle in making bronze powd.; in medicine. Grades—crude: refined.
●Pkg—1 gal. bottles, 1, 5, 30, 54 gal drums.

°Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Browning Chem Corp, 150 Broadway, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Fallek Products Co, 163 Broadway, N Y 6
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
°Publicker Industries, 1429 Walnut St, Phila, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ALCOHOL, sec.-BUTYL (Methylethylcarbinol Dibutanol)

CH_3 CH_3CHOCH_3. M.W. 74.08. Colorless liq., pleasant odor. Sp. gr. 0.803. B.P. 99.5°C. Sol. water, alcohol, ether. Uses—mfr. intermediate and organic chemicals, fruit essences, perfumes, dyestuffs; solvent in cellulose ester varnishes, lacquers, and plastics. Grades—C.P.; tech.
●Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
°Fine Organics, 211 E 19 St, N Y 3
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, tert-BUTYL (Alcohol Pseudobutyl Trimethyl Carbinol, Dimethyldipropanol)

$(CH_3)_3COHCH_3$. White solid crystalline, camphor odor. Sp. gr. 0.786. M.P. 25.5°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, fruit essences, cellulose esters, plastics, lacquers. Grades—C.P.; tech.
●Pkg—55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1 N Y
*Shell Chem Corp, 50 W 50 St, N Y 20
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, BUTYRIC see Alcohol, Butyl

ALCOHOL, CAPRYLIC see Alcohol, Capryl

ALCOHOL, CAPRYL (Octyl Alcohol, Alcohol, Caprylic)—see also Alcohol, Octyl

$C_8H_{18}O$. M.W. 130.14. Sp. gr. 0.825. B.P., C.P. grade. 178-180°C. Pure grade, 194°C. Wt. per gal., 6.8 lbs. Water-white mobile liq. with mild sweet odor. Noncorrosive. Sol. water, alcohol, ether, organic solvents. Uses—as a powerful anti-foaming agent; mfr. high boiling esters, octyl acetate, octyl phthalate, etc.; as a solvent.

BUTYL ALCOHOL

BUTYL ACETATE • ETHYL ACETATE
METHYL ETHYL KETONE • METHYL ISO BUTYL KETONE

Barclay CHEMICAL COMPANY, Inc.
77 VARICK STREET
SPECIALISTS IN CHEMICALS AND BY-PRODUCTS
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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Pure grade used as a perfume. Grades—pure; C.P.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
°American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
Barclay Chem Co, 75 Varick St, N Y 13
°Bios Labs, 17 W 60 St, N Y 23
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
°Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fine Organics, 211 E 19 St, N Y 3
Fritzsche Bros, 76 9 Ave, N Y 11
°Hardesty Chem Co, 41 E 42 St, N Y 17
°Merck & Co, Rahway, N J
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
°Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ALCOHOL, CETYL (Ethal, Alcohol, Cetylic, Hexadecanol, Cetal, Alcohol, Hexadecyl, Pentadecyl Carbinol)

$C_{16}H_{33}OH$. M.W. 242.35. A colorless, tasteless waxy powd. M.P. 495°C. B.P. 344°C. Sp. gr. 0.808. Insol. water; sol. alcohol, ether. Uses—mfr. skin creams, etc. Base for mfr. sulfonated fatty alcohols.
● Pkg—Cartons, drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
°Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Amercian-British Chem Supplies, 180 Madison Ave, N Y 16
°Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Barclay Chem Co, 75 Varick St, N Y 13
°Bios Labs, 17 W 60 St, N Y 23
Bopf-Whittam Corp, 1135-53 Elizabeth Ave W, Linden, N J
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Cole Labs, 42-25 9 St, L I C 1, N Y
Croda Inc, 51 Madison Ave, N Y
°Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
°E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
°Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
°Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
°Humphrey-Wilkinson, DeVine St, N Haven, Conn
Legion Chem, 70 Wall St, N Y 5
Martin, Hovt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
°A Maschmeijer, Jr, 45 W 16 St, N Y 11
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
°M Michel & Co, 90 Broad St, N Y 4
°Robinson, Wagner Co, 110 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stanalchem, Inc, 350 Madison Ave, N Y 17
°Van Dyk & Co, Main & William Sts, Belleville 9, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

ALCOHOL, CETYLIC see Alcohol, Cetyl

ALCOHOL, CHLOR ISOPROPYL see Propylene Chlorhydrin

ALCOHOL, CINNAMIC

$C_9H_{10}O$. M.W. 134.13. Sl. yellowish, viscous liq. with lilac or hyacinth odor. Uses—for blending with other perfumes and as a fixative.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
°Givaudan-Delawanna, 330 W 42 St, N Y 36
°A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
°Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Rosenthal Bercow Co, 25 E 26 St, N Y
°Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
°Verona Chem Co, 26 Verona Ave, Newark 4, N J

ALCOHOL, CROTYL (2-Buten-1-ol, Propenylcarbinol, gamma-Methyl-Allyl Alcohol)

$CH_3CH{:}CHCH_2CH_2OH$. M.W. 72.06. Colored liq. B.P. 113°C. Sol. water, alcohol. In lab quantities.
● Pkg—Custom packed.

°Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
J M Baird Co, 254 W 31 St, N Y 1
°Bios Labs, 17 W 60 St, N Y 23
°Edcan Labs, 10 Pine St, S Norwalk, Conn
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALCOHOL, CYCLOPENTYL

● Pkg—Custom packed.

°Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
°Arapahoe Chem, 2800 Pearl St, Boulder, Col
°Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ALCOHOL, DECYL

$CH_3(CH_2)_8CH_2OH$. Colorless, water-white liq.; sweet, fat-like odor. B.P., 231°C.; M.P., 6°C.; Sp. gr., 0.829; insol. water at 25°C. Uses—antifoam, perfume intermediate; mfr. of detergents and esters.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
°Chemical Mfg Co, 444 Madison Ave, N Y 22
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
°E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
°E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
°Enjay Co, 15 W 51 St, N Y 19
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
°Givaudan-Delawanna, 330 W 42 St, N Y 36
°Humphrey-Wilkinson, DeVine St, N Haven, Conn
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
°Verona Chem Co, 26 Verona Ave, Newark 4, N J

ALCOHOL, DENATURED

Colorless liq. Uses—see Alcohol Ethyl. Grades—approximately 75 formulae as prescribed officially by the U. S. Government using various denaturants according to purpose for which intended. Made, sold and used under regulations of U. S. Bureau of Internal Revenue. Tax free. Unfit for beverage use.
● Pkg—2, 5, 30, 55 gal. drums.

°Allied Industrial Products Co, 225 W 34 St, N Y 1
American Firstoline Corp, 420 Lexington Ave, N Y 17
°American Mineral Spirits Co, 155 E 44 St, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Bell Chem Co, 25 W 44 St, N Y 36
°Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
°Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
°Commercial Solvents Corp, 260 Madison Ave, N Y 16
°E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
°William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
°Lac Chem, 8512 Hays St, Culver City, Cal
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davdison St, Indianapolis 7, Ind
McKesson & Robbins, 155 E 44 St, N Y
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
°Pabco Products, 475 Brannan St, San Francisco, Cal
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
°Publicker Industries, 1429 Walnut St, Phila, Pa.
°Puerto Rico Alcohol Co, 370 7 Ave, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
°Schenley Distillers, 350 5 Ave, N Y 1
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
°Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
°United States Industrial Chem Co Div, 120 Broadway, N Y 5

ALCOHOL, DIACETONE (4-Hydroxy-2 Keto-4 Methylpeniane, Diacetone, Acetylacetone)

$CH_3COCH_2C(CH_3)_2OH$. Colorless to light straw liq. Sp. gr. 0.915-0.943. Sol. water. B.P. 130-175°C. M.P. —54 to —57°C. F.P. 53-57°C. Uses—solvent cellulose esters, acetate lacquers, plastics, dyes, resins, waxes. Grades—acetone-free; not more than 16% acetone.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
°American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bios Labs, 17 W 60 St, N Y 23
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
°Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
°Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17

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CACHALOT brand cetyl, oleyl, and stearyl alcohols are available in fourteen types, all made to tight specifications: saponification values below 1.0, acid values below 0.1, little or no odor. Useful as absorption bases, adherents, antifoams, emollients, emulsifiers, lubricants, penetrants, plasticizers, softeners, solubilizers, stabilizers, thickeners. And as intermediates: for brominates, chlorinates, condensates, esters, aldehydes, mercaptans, nitrites, sulfates, phosphates. Prompt delivery on USP, NF, and low-cost technical grades. Packed in sturdy cartons or steel drums. Write *M. Michel and Company, Inc., 90 Broad Street, New York 4, N. Y.* Or phone DIgby 4-3878. Over twenty-five years a basic supplier to chemical manufacturers, their trade name for the largest variety of fatty alcohols commercially available in tonnage lots of controlled purity is

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ACETO

HIGHER ALCOHOLS of UNIFORM PURITY

OCTYL ALCOHOL—C_8
DECYL ALCOHOL—C_{10}
LAURYL ALCOHOL—C_{12}
MYRISTYL ALCOHOL—C_{14}
CETYL ALCOHOL—C_{16}
STEARYL ALCOHOL—C_{18}
OLEYL ALCOHOL—C_{18}

USP - CP - NF - COSMETIC - TECHNICAL GRADES

Alkyl Chlorides and Bromides of the above also available

TECHNICAL DATA and SAMPLES ON REQUEST

Aceto CHEMICAL CO., INC.
40-40 Lawrence St., Flushing 54, N. Y.
INdependence 1-4100

°Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

CSC

ETHYL ALCOHOL

Tax-paid Tax-free
Pure
Denatured-Anhydrous

Proprietary Solvents
Shellacol ®
Quakersol ®
Fotocol ®

Industrial CSC Chemicals
Ammonia
Methanol
Acetone
Methylamines
Formaldehyde
Nitroparaffins
Riboflavin Crystals
Butanol
Tributyl Phosphate

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS Corporation
260 Madison Avenue
New York 16, New York

See ad in Catalog Section

MONSANTO
ETHYL ALCOHOL

Grades: (1) Tax Free, 190 proof pure Ethyl Alcohol (95% by volume); (2) Tax paid, 190 proof pure Ethyl Alcohol (95% by volume); (3) Specially Denatured Alcohol; (4) Completely Denatured Alcohol, 188 proof.

MERSOL:* Proprietary Solvent for industrial uses: solvent, for shellacs, lacquer thinners, cleaners, softeners. Manufactured by Nealco-Monsanto Company, a subsidiary of

MONSANTO CHEMICAL COMPANY
Merrimac Division
Boston 49, Mass.

*Reg. U.S. Pat. Off.

MONSANTO
CHEMICALS—PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

NEOSOL®
NEOSOL-A
A proprietary grade of ethyl alcohol

SHELL CHEMICAL CORPORATION
CHEMICAL PARTNER OF INDUSTRY AND AGRICULTURE
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Atlanta • Boston • Chicago • Cleveland • Detroit • Houston • Los Angeles • Newark • St. Louis
In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

ALCOHOL, DIACETONE, continued

Henley & Co, 801 2 Ave, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, DODECYL

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Barclay Chem Co, 75 Varick St, N Y 13
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

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*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ALCOHOL, ETHYL (Ethanol, Grain Alcohol, Cologne Spirits, Ethyl Hydrate, Spirit of Wine)

C_2H_5OH. M.W. 46.05. Colorless liq., ethereal, vinous odor. Sp. gr. 0.789 (20°C.). M.P. —117.3°C. B.P. 78.4°C. Sol. water, methanol, ether. Uses—mfr. intermediates, esters, organic derivatives, synth. drugs, chloroform, iodoform, ether, acetic acid, alcoholates, phenacetin, antipyrine, dyes, smokeless powd., food preps., sheep dips, plant washes, artificial leather, margarine, motor fuel, incandescent mantles, solid alcohol, anti-freeze solutions, carbon removers, cleansers, polishing compositions, dipping fluids, artificial flowers, essences, hats, cartridges, cements, composition billiard and pool balls, spirit varnishes, enamels, paint removers, perfumes, cosmetics, toilet preps., lubricating compositions, photographic papers, and plates, celluloid, plastics, rubber cements, disinfecting soaps, liq. and transparent soaps; as fulminate; cordite; solvent in extracting essential oils; preservative and solvent in condiments; illuminant; laboratory reagent; preservative for animal and plant specimens; general solvent; solvent and extracting medium for resins and waxes; solvent in making artificial rubber and rayon; in cleaning; polishing; etching; soldering; coloring and lacquering metals; refining petroleum; dyeing and printing; silvering mirrors; in medicine. Grades—U.S.P.; Cologne spirits; absolute. 188,190 proof; 96%.

● Pkg—2, 5, 30, 55 gal. drums.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Glycerine Corp of America, 36 W 44 St, N Y 36
William S Gray & Co, 342 Madison Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
*Lac Chem, 8512 Hays St, Culver City, Cal
Legion Chem, 70 Wall St, N Y 5
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Puerto Rico Alcohol Co, 370 7 Ave, N Y
*Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
*Schenley Distillers, 350 5 Ave, N Y 1
Scher Bros, 519 Getty Ave, Clifton, N J
*Shell Chem Corp, 50 W 50 St, N Y 20
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ALCOHOL, 2-ETHYL BUTYL

$C_2H_5CH(C_2H_5)CH_2OH$. Colorless liq. B.P. 148.9°C. Sp. gr. .8328 at 20/20°C. Insol. water; sol. organic solvents. Uses—lacquer solvent, penetrant, coupling agent and in printing lacquers.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ALCOHOL, ETHYLENE see Ethylene Glycol

ALCOHOL, 2-ETHYL HEXYL

●Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, FURFURYL (Furyl Carbinol)

$C_4H_3OCH_2OH$. Water-white, darkening upon exposure. Sp. gr. 1.135 (at 20°C). B.P. 165-172°C. Uses—organic solvent for nitrocellulose. Forms a black insol. resin when treated with mineral acids, prep. of non-skinning varnishes, prep. of insol., infusible, waterproof protective coatings. Caution—reacts with explosive violence with concentrated mineral acids. Grades—tech.

●Pkg—9, 45, 90 lb. cans, 500 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill

ALCOHOL, GLYCYL see Glycerine

ALCOHOL, GLYCOL see Ethylene Glycol

ALCOHOL, GRAIN see Alcohol, Ethyl

ALCOHOL, HEPTADECYL

$C_8H_9CH(C_7H_3)C_7H_4CH(OH)C_7H_4CH(C_7H_3)_2$. M.W. 256.46. Liq. B.P. 309.0°C. Pract. insol. water. Uses—perfume fixative, intermediate in mfr. of plasticizers and surface active agents.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ALCOHOL, HEPTYL

●Pkg—6, 13 gal. carboys, 375 lb. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ALCOHOL, n-HEPTYL

$CH_3(CH_2)_5CH_2OH$. M.W. 116.12. Colorless, oily liq. B.P. 176°C. Insol. water; miscible alcohol, ether.

●Pkg—6, 13 gal. carboys, 375 lb. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 1513 Olmstead Ave, Bronx 61, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Humphrey-Wilkinson, DeVine St, N Haven, Conn

ALCOHOL, HEXADECYL see Alcohol, Cetyl

ALCOHOL, n-HEXYL (Hexanol)

$CH_3(CH_2)_4CH_2OH$. M.W. 102.11. Colorless liq., insol. water. B.P. 115.8°C and has a Sp. Gr. of 0.8217 at 20°/20°C. Uses—synthesis.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ALCOHOL, HIGHER FATTY

Produced from natural fats or oils by reducing the fatty acids to the corresponding fatty alcohols. Alcohols most commonly used are cetyl, oleic, stearic, lanolic, laurel, oleyl and cholesterol. In the manufacture of the so-called "soapless soaps" these alcohols are then reacted with sulfuric acid, and the alcohol sulfate is neutralized with caustic soda to form the fat alcohol sulfate. See also sodium lauryl sulfate. Uses—for soap, in the place of ordinary soap in textile, laundry and general cleaning; in shampoos, etc.; as dyeing and printing assists.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
City Chem Corp, 132 W 22 St, N Y 11
Croda, Inc, 51 Madison Ave, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*M Michel & Co, 90 Broad St, N Y 4
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill

ALCOHOL, HYDROABIETYL

*Hercules Powder Co, 978 Market St, Wilmington 99, Del

ALCOHOL, o-HYDROXYBENZYL see Saligenin

ALCOHOL, ISOBUTYL (Isopropylcarbinol)

$(CH_3)_2CH.CH_2OH$. M.W. 116.09. Colorless, thick liq. Sp. gr. 0.806 (15°C). B.P. 99.5°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, organic chemicals, synth. dyes, fruit essences, perfumes; solvent paint removers. Grades—tech.

●Pkg—55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
*Fine Organics, 211 E 19 St, N Y 3
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washing-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ALCOHOL, ISO-OCTYL

●Pkg—54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1

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"Lorol" 24, normal cetyl alcohol
"Lorol" 28, normal stearyl alcohol

For information write to E.I. du Pont de Nemours & Co. (Inc.), Polychemicals Dept. 6053, Wilmington 98, Del.

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*Company classifies itself as manufacturer or producer of this product
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ISO-OCTYL, DECYL AND TRIDECYL ALCOHOLS

Clear, colorless liquids miscible with most oxygenated and hydrocarbon type solvents. Used to produce esters for vinyl resin and nitrile rubber plasticizers, lacquer and resin solvents, anti-foam agents, detergents, wetting agents, and synthetic lubricants.

SECONDARY BUTYL ALCOHOL

Clear, colorless liquid among medium boiling group of solvents. Solvent for lacquers and resins, component of hydraulic fluids, coupling agent. Employed in the preparation of esters, secondary butyl xanthate, methyl ethyl ketone.

PETROHOL (Isopropyl Alcohol)

Marketed in 91%, 95% and 99% concentrations. Clear, colorless liquid, completely miscible in water. Used in antiseptics, cosmetics, bactericides, rubbing compounds, crystallizations, drugs, cleaning agents, phenolic resin thinner, nitrocellulose dehydration, nitrocellulose coatings. Raw material for acetone, esters, isopropyl ether.

Write or phone for further information

Be sure to specify

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New York 19, N. Y.

ALCOHOL, ISO-OCTYL, continued

*Enjay Co, 15 W 51 St, N Y 19
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALCOHOL, ISOPROPYL (Alcohol Pseudopropyl, Dimethylcarbinol, Isopropanol)

$CH_3CHOHCH_3$. M.W. 60.06. Colorless liq. Sp. gr. 0.789. B.P. 82.3°C. Sol. alcohol, ether, water. Uses—mfr. acetone; solvent lacquers, plastics, varnish; organic synthesis; in medicine. Grades—crude; refined; anhydrous; 91%.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Bell Chem Co, 25 W 44 St, N Y 36
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Enjay Co, 15 W 51 St, N Y 19
Esor Chem Co, 205 E 42 St, N Y
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J

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Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shell Chem Corp, 50 W 50 St, N Y 20
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ALCOHOL, LANOLIN

● Pkg—10, 50, 100 lb. cartons, 100 lb. bags, 400 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Croda Inc, 51 Madison Ave, N Y
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Hummel Chem Co, 90 West St, N Y 6
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ALCOHOL, LAURYL (1—Dodecanol, 1—Dodecyl Alcohol)

$C_{12}H_{25}OH$. M.W. 186.33. Colorless liq. to white, crystalline waxy solid. M.P. 24°C. B.P. 259°C (128-131°C at 7mm pressure). Sp. gr. 0.8309 20/4°C. Refractive index n 20, 1.4408 at 24.5°C. Insol. in water; sol. in alcohol, ether and acetone. Uses—in cosmetic formulations as an intermediate in the mfr. of detergents, and as a solvent.

● Pkg—55 gal. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Croda, Inc, 51 Madison Ave, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*M Michel & Co, 90 Broad St, N Y 4
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Welch, Holme & Clark Co, 439 West St, N Y 14

ALCOHOL, METHALLYL

M.W. 72; B.P. 114.5°C. Sp. gr. at 20/4 0.852. Uses—solvent synthesis.

J M Baird Co, 254 W 31 St, N Y 1
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALCOHOL, METHYL see Methanol

ALCOHOL, g-METHYL-ALLYL see Alcohol, Crotyl

ALCOHOL, METHYL AMYL (2—Pentanol, 4—Methyl, Isobutylmethylcarbinol)

$(CH_3)_2CHCH_2CHOHCH_3$. M.W. 102.11. Colorless liq. B.P. 131.4°C. Sol. alcohol.

● Pkg—1 gal. cans, 5, 55 gal. drums.

C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Merck & Co, Rahway, N J

ALCOHOL, METHYL BENZYL see Methyl Phenyl Carbinol

ALCOHOL, NONYL (3,5,5—Trimethylhexanol)

$CH_3C(CH_3)_2CH_2CH(CH_3)CH_2OH$. M.W. 144.25. Clear, colorless liq. B.P. 194°C. Insol. water; miscible with organic solvents. Uses—solvent in lacquer formulation, anti-foam and froth flotation agent, interm. in prep. of ester type plasticizers, lub. oil additives, synth. lubric., surface active agents, disinfect, germicides.

● Pkg—Custom packed.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Tuelle Chem Co, R D 1, Box 75, Newton, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ALCOHOL, n-NONYL

$CH_3(CH_2)_7CH_2OH$. M.W. 144.16. Colorless to yellowish liq. B.P. 215°C. Insol. water; miscible alcohol, ether. Uses—in mfr. of artificial lemon oil.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36

ALCOHOL, n-OCTADECYL see Alcohol, Stearyl

ALCOHOL, OCTYL (2—Ethyl Hexanol, Methyl Hexyl Carbinol)

$C_4H_9CH(C_2H_5)CH_2OH$. Colorless liq. B.P. 184.6°C. Sp. gr. at 20°/20°C; is .8344. Insol. water, sol organic solvents. Uses—lacquer solvent, synthesis.

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ALCOHOL, OCTYL, NORMAL, PRIMARY (Octanol—1)

$CH_3(CH_2)_6CH_2OH$. Colorless liq. Penetrating characteristic aromatic odor. Sp. gr. 0.827 at 20°C. B.P 194-195°C. Retractive Index 1.430 at 20°C. Miscible with alcohol, chloroform, ether. Immiscible with water Uses—perfumery, organic synthesis.

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ALCOHOL, OCTYL, NORMAL, SECONDARY (Methyl Hexyl Carbinol, 2—Octanol, Capril Alcohol)

$CH_3(CH_2)_5CHOHCH_3$. Colorless oily liq. Aromatic odor. Sp. gr. 0.825 at 15°C. B.P. 178-179°C. Refractive Index 1.437 at 20°C. Miscible with alcohol and ether; immiscible with water. Uses—perfumery, organic synthesis.

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Rohm & Haas, 712 Locust St, Phila 5, Pa
Stanalchem, Inc, 350 Madison Ave, N Y 17

ALCOHOL, OLEYL

● Pkg—360 lb. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Croda, Inc, 51 Madison Ave, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*M Michel & Co, 90 Broad St, N Y 4
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Welch, Holme & Clark Co, 439 West St, N Y 14

ALCOHOL, PHENETHYL see Alcohol, Phenyl Ethyl

ALCOHOL, PHENYL ETHYL (Benzyl Carbinol, 2—Phenylethanol, Phenethyl Alcohol)

$C_6H_5CH_2CH_2OH$. M.W. 122. Colorless liq.; light rose-type odor. Sl. sol. in water, aqueous alcohol. Uses—perfumes.

● Pkg—5, 10, 55 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

Celanese* CHEMICALS

ALCOHOLS

METHYL ALCOHOL
n-PROPYL ALCOHOL
ISOBUTYL ALCOHOL
n-BUTYL ALCOHOL
SPECIAL SOLVENTS (ALCOHOLS)

See Celanese Catalog in Catalog Section

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ALCOHOLS

Methanol, Ethanol, Isopropanol, n-Butyl Alcohol, Methyl Amyl Alcohol, 2-Ethylbutanol, n-Hexanol, Heptanol-3, 2-Ethylhexanol, Diisobutyl Carbinol, Phenyl Methyl Carbinol, Trimethyl Cyclohexanol, Trimethyl Nonyl Alcohol, Undecanol, Tetradecanol, and Heptadecanol are commercially available from Carbide. Specially and completely denatured formulas of Ethanol are produced, including anhydrous grades and a proprietary solvent, trade-marked SYNASOL.

CARBIDE AND CARBON CHEMICALS COMPANY
A Division of
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In Canada: Carbide and Carbon Chemicals, Ltd.
"Synasol" is a registered trade-mark of UCC.

ALCOHOLS

Allyl Alcohol
Diacetone Alcohol
Ethyl Alcohol
Isopropyl Alcohol
Methyl Isobutyl Carbinol
Neosol®—a proprietary solvent
Neosol-A—a proprietary solvent
Secondary Butyl Alcohol
Tertiary Butyl Alcohol

SEE ALSO SOLVENTS

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In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

U.S.I. ALCOHOLS

AMYL ALCOHOL

n-AMYL ALCOHOL (Pentanol-1)

BUTANOL (Normal Butyl Alcohol)

FUSEL OIL—Refined

ETHANOL (Ethyl Alcohol)
- Specially Denatured—All regular and anhydrous formulas
- Completely denatured—All regular and anhydrous formulas
- U.S.I. Denatured Alcohol Anti-Freeze
- Pure—190 Proof, C.P. 96%, Absolute
- *SOLOX (Proprietary Solvent)
- *SOLOX D-1 (De-icing fluid)

ISOBUTYL ALCOHOL

n-PROPYL ALCOHOL

ANTI-FREEZES
- *Super Pyro Anti-Freeze
- U.S.I. Permanent Anti-Freeze

*Registered U. S. Pat. Off.
See U.S.I. Catalog, pp. 85-92

U. S. INDUSTRIAL CHEMICALS CO.
Division of National Distillers Products Corporation
Baltimore; Boston; Buffalo; Chicago; Cincinnati; Cleveland; Denver; Detroit; Kansas City, Mo.; Los Angeles; Louisville; Minneapolis; New Orleans; New York; Philadelphia; Pittsburgh; San Francisco; St. Louis

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cetyl, oleyl, stearyl
USP, NF, technical grades
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WILMINGTON 98, DELAWARE

ALCOHOL, PHENYL ETHYL, continued

*Dow Chem Co, Midland, Mich
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Varona Ave, Newark 4, N J

ALCOHOL, PHENYLIC see Phenol

ALCOHOL, PROPENYL see Alcohol, Allyl

ALCOHOL, PHENYL PROPYL (Ethyl-Phenylcarbinol)

C_6H_5CH (OH). C_9H_{12}; M. W. 136.09; colorless liq.; characteristic odor. Sp. gr. 0.9962. Boils 219°C. Insol. in water; sol. alcohol and any other organic solvent.
●Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ALCOHOL, POLYVINYL

(CH_2CHOH). Colorless, odorless, tasteless, thermoplastic, synth. resin. Transparent when molded or cast in film form Dens. 1.27-1.30 (20°C). Sol. water; insol. ordinary org. solvents, oils, fats and greases. Uses—for sizing and greaseproofing paper; in adhesives; as an emulsifier; in gas and oil-impervious films and coatings, in oil-resistant extruded and molded articles. Grades—Type "A:" containing unsaponified acetyl groups. Type "B," fully saponified: both types available in low, medium, and high viscosities.
●Pkg—50 lb. bags, 125, 150 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
Martin, Hovt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Shawinigan Products Corp, 350 5 Ave, N Y 1

ALCOHOL, PROPARGYL (2—Propyn-1-ol)

$HC{\equiv}C.CH_2OH$. M.W. 56.06. Colorless liq. Characteristic odor. Uses—organic syntheses, pharmaceuticals, plastics.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ALCOHOL, PROPYL (Propanol, Ethyl Carbinol)

$CH_3CH_2CH_2OH$. M.W. 60.1. B.P. (commercial) 96-98°C. Spec. Heat 0.650 (between 16-100°C). Heat of Vapr. 162.6 cal./gram. (97.3°C). Heat of Comb. 8,000 cal./gram. Refractive Index Nd 1.386 (20°C). Dielectric Constant 22.2 (20°C). Coeff. Viscosity c.g.s. units at 20°C—0.2255; Coeff. Viscosity c.g.s. units at 90°C—0.00526. Colorless liq., vinous odor. Sp. gr. 0.806 (20°C). B.P. 97.3°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, organic chemicals, lacquers, cosmetics, dental lotions and washes; as fulminate; in polishing compositions; solvent in making dopes; resins, wax; in medicine. Grades—tech.
●Pkg—360 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Celanese Corp of America, 180 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ALCOHOL, PSEUDOBUTYL TRIMETHYL CARBINOL see Alcohol, Butyl Tertiary

ALCOHOL, PSEUDOPROPYL see Alcohol, Isopropyl

ALCOHOL, SALICYL see Saligenin

ALCOHOL, SESQUITERPENE see Cedrol

ALCOHOL, STEARYL (Octadecanol, n-Octadecyl Alcohol)

$C_{18}H_{35}OH$. M.W. 270.49. Colorless, tasteless, waxy. Insol. water; sol. alcohol, ether. Uses—mfr. of skin creams, detergents, plasticizers, lubricants.
●Pkg—50 lb. bags, 50, 200 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Bios Labs, 17 W 60 St, N Y 23
Cole Labs, 42-25 9 St, L I C 1, N Y
Croda, Inc, 51 Madison Ave, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*M Michel & Co, 90 Broad St, N Y 4
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Welch, Holme & Clark Co, 439 West St, N Y 14

ALCOHOL, TETRADECYL

$C_4H_9CH(C_2H_5)C_3H_4CH(OH)CH_2CH(CH_3)_2$ M.W. 214.4. Colorless liq. B.P. 264.1°C. Pract. insol. water. Uses—intermediates in mfr. of plasticizers; perfume fixative.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Shell Chem Corp, 50 W 50 St, N Y 20

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ALCOHOL, TETRAHYDROFURFURYL

$C_4H_7O\text{-}CH_2OH$. M.W. 102.08. Water-white liq. with mild, pleasant odor. B.P. 178°C. Sp. gr. 1.05. Miscible with water and most of the common organic acids. Uses—solvent for textile dyes, nitrocellulose, vinyl resins, natural and synth. gums; wetting and dispersing agent
● Pkg—8, 40, 80 lb. cans, 475 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill

tert-ALCOHOL, TRICHLOROBUTYL see Chlorobutanol

ALCOHOL, TRIMETHYL CYCLOHEXYL

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 7

ALCOHOL, TRIMETHYL NONYL

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 7

ALCOHOL, UNDECYL

$C_4H_9CH(C_2H_5)C_2H_4CH(OH)CH_3$. M.W. 172.30. Liq. B.P. 225.4°C. Pract. insol. water. Uses—antifoaming agent, organic intermediates.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Polak's Frutal Works, Middletown, N Y

ALCOHOL, UNDECYLENYL

$CH_3CH(OH)NH_2$. White cryst. M.P. 70-80°C. B.P. $C_{11}H_{22}OH$. M.W. 170.29. Colorless liq. Uses—organic syntheses, perfumery, pharmaceuticals.

*Bios Labs, 17 W 60 St, N Y 23
P R Dreyer, 113 W 19 St, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ALCOHOL, WOOD see Methanol

ALCOHOL, WOOL WAX

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Croda, Inc, 51 Madison Ave, N Y
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Hummel Chem Co, 90 West St, N Y 6
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ALCOHOLS, TERPENE

*Crosby Chem, P O Box 32, De Ridder, La
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
G A Wharry Co, 95 Broad St, N Y 4

ALCOHOLS, WOOL GREASE

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Bopf-Whittam Corp, 1135-53 Elizabeth Ave W, Linden, N J
*Croda, Inc, 51 Madison Ave, N Y
Elbert & Co, 2 Broadway, N Y 4
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Hummel Chem Co, 90 West St, N Y 6
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ALDEHYDE AMMONIA

100°C. (decomp.). Very sol. water, alcohol; sl. sol. ether. Uses—mfr. organic chemicals; rubber accelerator. Grades—tech.
● Pkg—5, 10, 25, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ALDEHYDES, FATTY

C_8-C_{12} Aliphatic aldehydes. Uses—flowery compounds

Celanese Corp of America, 180 Madison Ave, N Y 16
*P R Dreyer, 113 W 19 St, N Y
Elbert & Co, 2 Broadway, N Y 4
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10

ALDOFORM see Formaldehyde

ALDOL (Acetaldol, Hydroxybutyraldehyde, b-Hydroxybutyraldehyde, Oxybutyricaldehyde, Oxybutanol)

$CH_3CH(OH)CH_2CHO$. M.W. 88.06. Colorless liq. Sp. gr. 1.1098. Flash point 181.4°C. F.P. below 0°C. B.P. 83°C. Miscible water, ether, alcohol. Uses—mfr. intermediates, organic chemicals, dyestuffs, perfumes; in engraving; ore flotation; in medicine; in mfr. of rubber antiexidant. Grades—tech. White to dark brown solid with marked hydrophilic colloidal properties.
● Pkg—8, 40 lb. cans, 460 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ALDRIN

Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*International Commodities Corp, 11 Mercer St, N Y 13
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Shell Chem Corp, 50 W 50 St, N Y 20
Stauffer Chem Co, 420 Leixngton Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALEPPO* GALLS see Nutgalls

ALGICIDE

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Aquatrol, Inc, P O Box 12233, Houston 17, Tex
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
Dearborn Chem Co, 575 Merchandise Mart, Chicago 54, Ill
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill

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FORMALDEHYDE
PARAFORMALDEHYDE
ACETALDEHYDE
TRIOXANE
FORMCEL* SOLUTIONS
(formaldehyde in various alcohols)

See Celanese Catalog in Catalog Section

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ALGICIDE, continued

*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky

ALGIN see also Sodium and Ammonium Alginates

White to dark brown solid with marked hydrophilic colloidal properties. Sol. in water; insol. in organic solvents. Properties of algin vary with source and method of mfr. pH 3-10; viscosity of 1% by wt. water solution, (10 to 4000 cps.) Moisture content, 5-20%; particle properties. Algin includes many of the properties of gelatin, tragacanth, caraya, acacia and locust bean gum, Irish Moss and agar-agar, and is used in lower concentrations. As colloidal stabilizer in ice cream, water ices, and other frozen desserts; suspending agent for cocoa fibers in chocolate milk; colloidal agent in various foodstuffs such as cakes, doughnuts, icings, salad dressings, and confectionery; sizing in textile industry; print pastes; leather finishing; paper coating; pharmaceuticals; cosmetics; waterproofing agent for concrete; boiler-water treatment; water paints; can-sealing compds.; ceramics; creaming latex in rubber mfr.; oil-well drilling muds. Grades—refined (food grades) and tech. (commercial grades).
●Pkg—50, 100, 200 lb. drums.

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*Algin Corp of America, 24 State St, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
*E F Drew & Co, 416 Division St, Boonton, N J
T M Duché & Sons, 117 Hudson St, N Y 13
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kelco Co, 31 Nassau St, N Y 5
Kem Products Co, 227-229 High St, Newark 2, N J
Morning Star, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

ALIZARIN (1:2 — Dihydroxyanthraquinone, Acid, Anthraquinonic)

$C_6H_4(CO)_2C_6H_2(OH)_2$. M.W. 240.06. Reddish-yellow solid crystalline. M.P. 289°C. B.P. 430°C. Sol. alcohol, methanol, alkalies, ether; sl. sol. water. Uses—mfr. dyestuffs, color lakes; dyeing and finishing silk and wool; as photographical reagent. Grades—tech.; red cask and blue cask.
●Pkg—Custom packed.

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
George J Wiesner Co, 150 Nassau St, N Y 38

ALKALI, BOTTLERS'

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa.
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*M C Supply Co, Box 321, Muskegon, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
*Oakite Products, 19 Rector St, N Y 6
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Utility Chem Co, 145 Peel St, Paterson 4, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17

ALKALI, CLEANERS'

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*L J & M La Place, Lellarts Lane, E Paterson, N J
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Moores Lime Co, P O Box 878, Springfield, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wyandotte Chem Corp, Wyandotte, Mich

ALKALI, INDUSTRIAL

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
Croton Chem Corp, 114 Liberty St, N Y 6
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
Duff Chem Co, 342 Madison Ave, N Y 17
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*M C Supply Co, Box 321, Muskegon, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
*Moores Lime Co, P O Box 878, Springfield, Ohio
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

ALKALOIDS

Organic nitrogenous bases. Occur in animal and vegetable kingdoms. Some have been synthesized. Many are of great medicinal importance.

*American Quinine Co, 15 William St, N Y 5
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

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Manufacturing Chemists
43 West 16 Street, New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Merck & Co, Rahway, N J
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Sandoz Pharmaceuticals Div, 68 Charlton St, N Y 14
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaidt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

ALKYL ACETYLENE see Acetylenic Hydrocarbons

ALKYL ACID PHOSPHATES

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ALKYL GLYOXALIDINES

*Alrose Chem Co, Box 1294, Providence 1, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

ALLANTOIN

$C_4H_6O_3N_4$. M.W. 158. White cryst. Uses—medicinal.
● Pkg—Drums.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American Quinine Co, 15 William St, N Y 5
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*Gane & Ingram, 43 W 16 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

ALLETHRIN

J M Baird Co, 254 W 31 St, N Y 1
*Benzol Products Co, 237 South St, Newark 5, N J
Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*S B Penick & Co, 50 Church St, N Y 7
*John Powell & Co, 1 Park Ave, N Y 16
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALLOXAN (Mesoxylylurea)

$OC(NH.CO)_2CO$. M.W. 214. White cryst. Sol. water, alcohol. Uses—organic synthesis, cosmetic industry.
● Pkg—Custom packed.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

ALLYL ACRYLATE

● Pkg—1 lb. bottles, 5, 55 gal. drums.
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL ALDEHYDE see Acrolein

ALLYL AMINE

(3—Aminopropylene) CH_2: $CH.CH_2$ NH_2. M.W. 57.06; Nitrogen 24.55%. Colorless liq.; burning taste; strong ammonia odor, causing sneezing and tears. Sp. Gr. 0.744. Boils 55-58°. Miscible with water, alcohol, chloroform, ether.
● Pkg—1, 5, 10 lb. bottles, 25, 190, 325 lb. drums.
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Edwal Labs, Ringwood, Ill
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL BROMIDE

● Pkg—1, 5, 10 lb. bottles, 5 gal. carboys.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Edwal Labs, Ringwood, Ill
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL CAPROATE

● Pkg—Custom packed.
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Polak's Frutal Works, Middletown, N Y
*Seeley & Co, 1 Main St, Nyack, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

n-ALLYL CAPROATE

$CH_2(CH_2)_4CO_2.C_3H_5$. M.W. 156. Pale yellow liq. B.P. 185°C. Sol. alcohol, ether; insol. water.
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL CAPRYLATE

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL CHLORIDE (Chlorallylene, Trichloropropene, Alpha-Monochloropropolene)

CH_2CHCH_2Cl. Colorless liq. Sp. gr. .938. B.P. 44.6°C. Insol. water; sol. alcohol, ether. Uses—pharmaceuticals
● Pkg—55 gal. drums.
*American Quinine Co, 15 William St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALLYL CROTONATE

● Pkg—Bottles, 5, 55 gal. drums.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL ESTERS

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

ALLYL HEPTOATE

● Pkg—Bottles.
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL ISOTHIOCYANATE (Allyl Isosulfocyanate, Volatile Oil of Mustard)

CH_2:$CH.CH_2NCS$. M.W. 99.11. Colorless or pale yellow, very refractive liq.; very pungent, irritating odor; acrid taste. B.P. 148°. Sl. sol. water; miscible with alcohol. Uses—rubefacient, vesicant.
● Pkg—Custom packed.
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
Fritzsche Bros, 76 9 Ave, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL ISO VALERATE

● Pkg—Bottles, 5, 55 gal. drums.
J M Baird Co, 254 W 31 St, N Y 1
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ALLYL MERCAPTAN (Allyl Sulfhydrate, 2—Propene—2—Thiol)

CH_2:$CH.CH_2SH$. M.W. 74.12. Sl. yellow liq. B.P. 90°C. Miscible with alcohol or ether.
● Pkg—1, 5 lb. bottles.
*Bios Labs, 17 W 60 St, N Y 23
*Edwal Labs, Ringwood, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill

ALLYL METHACRYLATE

● Pkg—Custom packed.
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23

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844 North Wells Street, Chicago 10, Illinois

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ALUMS

COMMERCIAL • N. F.

REAGENT • U. S. P.

ALUMINUM SULFATE (Alum)
Commercial • Reagent • N.F.

ALUMINUM SULFATE—Iron Free
Commercial • Technical

AMMONIUM ALUM
(Aluminum Potassium Sulfate)
Commercial • Reagent • U.S.P.

FERRIC AMMONIUM SULFATE
Reagent

FERROUS AMMONIUM SULFATE,
Technical

POTASSIUM ALUM
(Aluminum Ammonium Sulfate)
Commercial • Reagent • U.S.P.

POTASH CHROME ALUM
(Chromium Potassium Sulfate)
Reagent • Photo

SODIUM ALUMINUM SULFATE
(Soda Alum)

ALUMINUM CHLORIDE, Solution

OTHER PRODUCTS – SEE INSIDE BACK COVER

GENERAL CHEMICAL DIVISION
ALLIED CHEMICAL & DYE CORPORATION
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Offices in Principal Cities—
See Directory Section

Allied Chemical

ALLYL METHACRYLATE, continued

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ALLYL THIOUREA (Thiosinamine, Rhodialine)

CH_2:CH.CH_2.NH.CS.NH_2. M.W. 116.14. White cryst.; bitter taste. M.P. 78°. Sol. alcohol, water; sl. sol. ether. Uses—resolvent of cicatrices, preferably used with sod. salicylate.

● Pkg—1, 5 lb. bottles, 25, 50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ALLYLIDENE DIACETATE

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ALOIN

A mixture of cryst. principles (a pentoside or mixture of pentosides from aloe). Varies in chem. composition and physical and chemical properties according to variety of aloe from which obtained. Lemon-yellow to dark yellow, cryst powd., sl. odor of aloe; bitter taste; darkens on exposure to air and light, solacetone and alkalis. Uses—medicine; stimulates fermentation.

Gane & Ingram, 43 W 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

ALTHEIN see Asparagine

ALUM see Alum, Potash

ALUM FLOWERS see Alum, Potash

ALUM, AMMONIA (Aluminum Ammonium Sulfate)

Al $(NH_4)_2(SO_4)_2 12H_2O$. Colorless crystalline or white powd. Solid. Sp. gr. 1.6455 (20°C). M.P. 94.5°C. Sol. water; glycerine; insol. alcohol. Uses—mfr. artificial stones, pigments, lakes, paper, vegetable glues, porcelain and marble cements; purifying drinking water; printing and dyeing fabrics; in baking powd.; tanning; fireproofing; in medicine. Grades—U.S.P.; C.P.; tech.: lump, ground, powdered.

● Pkg—100 lb. bags, 100, 250, 350, 360 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ALUM, AMMONIA CHROME

J M Baird Co, 254 W 31 St, N Y 1

ALUM, CHROME

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
John A Chew, 60 E 42 St, N Y 17
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J

ALUM MEAL see Alum, Potash

ALUM, PAPERMAKERS' see Aluminum Sulfate

ALUM, POTASH (Alum, Alum Flowers, Alum Meal, Cube Alum, Aluminum Potassium Sulfate, Burnt Alum)

AlK $(SO_4)_2 12H_2O$. White, solid, crystalline or powd. Sp gr. 1.7571. M.P. 105°C. Sol. water; insol. alcohol Uses—mfr. aluminum salts, matches, baking powd., margarine, writing inks, leather, paints, varnishes, lake pigments; catalyst in ammonia synthesis; substratum for color lakes; tanning agent; white taxidermy; paper size; gelatin film hardener; engraver; sugar clarifier; mordant in dyeing and printing; waterproofing and fireproofing agent; purifying water; hardening plaster casts; in medicine. Grades—U.S.P.; C.P.; tech.; lump, ground, powdered.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
L B Russell Chem, 60 Orange St, Bloomfield, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ALUM, POTASH CHROME (Chromium Potassium Sulfate, Chrome Alum)

$Cr_2(SO_4)_3.K_2SO_4.24H_2O$. Dark, violet-red cryst. Sp. gr. 1.83 (0°C). M.P. 89°C. Sol. water; insol. alcohol. Uses—mfr. porcelains, potteries, inks, chromium salts, waterproofing fabrics; tanning agent; photographic hardener and fixative; mordant in dyeing and printing textiles. Grades—C.P.; tech.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
Conray Products Co, 510 Ave of The Americas, N Y 11
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Metallurg, Inc, 100 Park Ave, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George J Wiesner Co, 150 Nassau St, N Y 38

ALUM, SODIUM (Aluminum Sodium Sulfate)

$AlNa(SO_4)_2 + 12H_2O$. M.P. 61°C. Colorless cryst. or powd. Sol. water; insol. alcohol. Uses—same as those of Alum Potash. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

ALUMINA see Aluminum Oxide

ALUMINA, ACTIVATED

Trade name product. A highly porous and granular form of aluminum oxide having preferential adsorptive capacity for moisture from gases, vapors and some liq. It is available in granules ranging in size from a powd. to pieces (1½ inches). Uses—drying gases and vapors, dehydrating cartridge in the liq. circuit of refrigerating systems, removal.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

ALUMINA HYDRATE

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
Barclay Chem Co, 75 Varick St, N Y 13
*Blockson Chem Co, Joliet, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Stanley Doggett, Inc, 75 Varick St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*International Selling Corp, 122 E 42 St, N Y 17
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*Pennsylvania Salt Mfg Co, 1835 Widener Bldg, Phila 7, Pa
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Westvaco Chem Div, 161 E 42 St, N Y 17

n-ALUMINUM ACETATE

● Pkg—25, 100, 175, 200 lb. drums.

*Jacques Wolf & Co, Passaic, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ALUMINUM ACETATE, BASIC
Salt, Waterproofing Salts, Red Liquor, Oil Pulp, Printers' Acetate)

$Al(OH)(C_2H_3O_2)_2$. M.W. 162.02. White amorp. powd., also 20% sol., water white to pale yellow. Sp. gr. 1.09 (20°C). M.P. 50°C. The 20% solution ($Al(C_2H_3O_2)_3$) decomp. on heating to the basic acetate. Sl. sol. water; sol. acids. Uses—mfr. color lakes, paints and varnishes; waterproofing and fireproofing textiles; mordant in dyeing and printing; embalming. Grades—tech.; C.P.; in solution.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

ALUMINUM AMINOACETATE

J M Baird Co, 254 W 31 St, N Y 1
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

ALUMINUM AMMONIUM SULFATE see Alum, Ammonia

ALUMINUM BROMIDE

$AlBr_3\ 6H_2O$. M.W. 374.81. Sp. gr. 2.5. B.P. 268°C. M.P. 93°C. Sol. water, alcohol, carbon bisulfide. Uses—organic synthesis.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
City Chem Corp, 132 W 22 St, N Y 11
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Westvaco Chem Div, 161 E 42 St, N Y 17

ALUMINUM CARBIDE

Al_4C_3. M.W. 143.91. Yellow hexag. cryst. Decomp. over 1400°C. Decomp. to methane in water; sol. acid; insol. acetone. Uses—prod. of methane, alloying.
●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1

ALUMINUM CHLORIDE (Chloralum)

$AlCl_3+6H_2O$. M.W. 241.43. Yellowish-white deliq. granular cryst. or powd. M.P. 190°C. (2.5 atms. pressure). B.P. 182°C. (752 mm pressure). Sol. water, ether, alcohol. Uses—refining petroleum; catalyst organic, inorganic compounds; carbonizing wool; assist in dyeing with indigo; water disinfectant: wood preservative; in medicine.
●Pkg—5, 10, 55 gal. bbls., drums.

Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
Cole Labs, 42-25 9 St, L I C 1, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Elberta Chem Co, Ransomville, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

ALUMINUM CHLORIDE, ANHYDROUS

$AlCl_3+6H_2O$. M.W. 241.43. Yellowish-white deliq. dazzling white when pure, strong odor of HCl, explosive with water. M.P. 182.7°C. Sublimes at 183°C. Sp. gr. 2.440 (20°C). Absorbs moisture with decomposition, forming aluminium oxychloride and hydrochloric acid. Sol. water, chloroform, ether, carbon tetrachloride or carbon disulfide. Uses—synthesis of organic compounds. Grades—C.P. anhydrous; C.P. sublimed.

Adams-Henry Chem Co, 32 Broadway, N Y 4
Aluminum Import Corp, 630 5 Ave, N Y 20
J T Baker Chem Co, Phillipsburg, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Elberta Chem Co, Ransomville, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Merck & Co, Rahway, N J
*Ohio-Apex, Inc Div, Nitro, W Va

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ALUMINUM CHLORIDE ANHYDROUS

GRANULAR
CRYSTAL
or
POWDER

ELBERTA CHEMICAL CO., Inc.

Box 8 Ransomville, N. Y.

ALUMINUM CHLORIDE, ANHYDROUS, continued

Philipp Bros Chem, 37 Wall St, N Y 5
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Joseph Turner & Co, Ridgefield, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ALUMINUM CHROMATE

*Amend Drug & Chem Co, 117 E 24 St, N Y 10

ALUMINUM FLAKE see Aluminum Powder

ALUMINUM FLUORIDE

$AlF_3.3\frac{1}{2}H_2O$. M.W. 147.2. Colorless cryst. that are sol. in water and loss 2 mol. of H_2O when heated to 120°C.; anhydrous has formula AlF_3. M.W. 83.97. A white powd. Sp. gr. 3.1. Sol. water, acids, alkalies & alcohol.
● Pkg—Custom packed.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Blos Labs, 17 W 60 St, N Y 23
*General Chem Div, 40 Rector St, N Y 6

ALUMINUM FORMATE

$Al(CHO_2)_3.3H_2O$. White cryst. salt. M.W. 215.97. Sol. water at 80°C. Decomp. on boiling. Uses—waterproofing, mordanting, anti-perspirant compounds, embalming compounds.
Pkg—13 gal. carboys, 50 gal. casks, 90 lb. kegs, 500 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5

ALUMINUM FORMATE SOLUTION

*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Philipp Bros Chem, 37 Wall St, N Y 5
Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ALUMINUM FORMO ACETATE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ALUMINUM GLUCONATE

A salt of varying comp., partly a colloidal suspension of $Al(OH)_3$ in gluconic acid; uses—in tanning.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ALUMINUM HYDRATE see Aluminum Hydroxide

ALUMINUM HYDROXIDE (Aluminum Hydrate, Aluminum Trihydrate, Hydrated Alumina, Precepitated Aluminum Oxide, Hydrargillite, Gibbsite, Diaspore)

$Al(OH)_3$. White, amorp. powd. or lumps. Sp. gr. 2.426. Insol. water, alcohol; sol. hot HCl, H_2SO_4 alkalies. Uses—mfr. aluminum salts, glassware, printing and lithographic inks, lubricants; filtering medium, substratum in lakes; sizing paper; waterproofing textiles; ceramic glaze; mordant in dyeing; purifying water. Grades—96% light and dense; U.S.P.; C.P.; tech.; lump, powd.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
John A Chew, 60 E 42 St, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Reheis Co, Snyder Ave, Berkeley Heights, N J
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

ALUMINUM HYDROXIDE, COLLOIDAL GEL

White gelatinous ppt; insoluble in water. Uses—dyeing mordant; water purification; filtering medium; pharmaceutical preps. for peptic ulcers. Grades—tech; C.P.; W.S.P

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*R Gesell, 200 W Houston St, N Y 14
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Reheis Co, Snyder Ave, Berkeley Heights, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

ALUMINUM IODIDE

AlI_3. Brown, crystalline pieces; M.P. 185°C. B.P. 360° C. Sol. in water. Uses—organic synthesis. Grades—tech.
● Pkg—Bottles.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
*City Chem Corp, 132 W 22 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

ALUMINUM ISOPROPYLATE

● Pkg—7.5, 40 lb. cans.

F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ALUMINUM LACTATE

$Al(C_6H_9O_3)_3$. M.W. 294.17. White to yellowish powd. Uses—medicinal.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kingston Chem Co, 15 William St, N Y 5

Greeff

ALUMINUM CHLORIDE ANHYDROUS

— o —

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Crystal
or
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●

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Berkeley Heights, New Jersey

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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ALUMINUM LINOLEATE

Approx. $Al(C_{18}H_{29}O_2)_3$. M.W. 858.65. Yellow lumps or powd.; linseed oil odor. Insol. water; sol. oils, fixed alkali hydroxides. Use—mfr. lacquers.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

ALUMINUM, METAL

Al. Silvery-white metal. Sp. gr. 2.7 M.P. 658°C. B.P. 1800°C. Sol. alkalies and some acids. Uses—for variety of purposes where great strength and low wt. is desirable such as in cooking utensils, airplanes, boats, automobiles, furniture. Also used in alloys.

°Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
°J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
°Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

ALUMINUM NAPHTHENATE

Amber-colored, rubbery, non-sticky plastic solid. Uses—bodying agent and penetration inhibitor in paints, enamels, varnishes.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
R B Huber, 216 Tremont St, Boston 16, Mass
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
°Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

ALUMINUM NITRATE

$Al(NO_3)_3.9H_2O$. Colorless, white crystalline, very hygroscopic. M.P. 73°C (nine molecules of water or crystallization). B.P. decomp. at 100°C. Sol. cold water, alcohol, acetone. Uses—tanning leather, mordant in dyeing and printing textiles; incandescent electric light filaments. Grades—tech; C.P.
●Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

ALUMINUM OLEATE

$Al(C_{18}H_{33}O_2)_3 + 6H_2O$. Yellowish-white, solid gelatinous mass. Insol. water; sol. turpentine, oil, alkalies; very sl. alcohol, hot ether, benzine. Uses—paint and varnish drier; waterproofing textile; thickening lubricating composition; in turpentine solutions as lacquer for metals; as size. Grades—tech.
●Pkg—100 lb. kit, 400 lb. bbls.

°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
°Witco Chem Co, 260 Madison Ave, N Y 16

ALUMINUM OXALATE

$Al_2(C_2O_4)_3.4H_2O$. M.W. 390. White powd.
●Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
City Chem Corp, 132 W 22 St, N Y 11
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
°Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ALUMINUM OXIDE (Alumina, Corundum)

Al_2O_3. White, amorp. powd. Sp. gr. 3.73. M.P. 2020°C. Sol. conc. sulfuric acid; insol. water. Uses—mfr. dental cements, laboratory crucibles, refractory articles, ceramics, abrasives; filler in paints and varnishes; mordant in calico printing; in aluminum metal. Grades—from 8 mesh to finest powd.; C.P.; tech.
●Pkg—½, 1 lb. bottles, 50 lb. drums, 100 lb. bags, bbls.

Aluminum Import Corp, 630 5 Ave, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
°Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Exolon Co, Tonawanda, N Y
Foote Mineral Co. 18 W Chelten Ave, Phila 44, Pa
*Merck & Co, Rahway, N J
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

ALUMINUM OXIDE, PRECIPITATED see Aluminum Hydroxide

ALUMINUM PALMITATE

$Al(C_{16}H_{31}O_2)_3 + H_2O$. Yellowish-white, solid, amorp. Insol. water; sol. alkalies, petroleum, oil, turpentine. Uses—varnish and paint ingredient, waterproofing paper, textiles, leather; increasing viscosity of lubricating oils; high gloss on leather and paper.
●Pkg—50 lb. bags, cartons.

°Bios Labs, 17 W 60 St, N Y 23
°Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
°M W Parsons-Plymouth, 59 Beekman St, N Y 38
°Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
°Witco Chem Co, 260 Madison Ave, N Y 16

ALUMINUM PASTE

Finely divided aluminum mixed with suitable vehicle. Uses—see Aluminum Powder.
●Pkg—200 lb. drums.

°Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Howe & French, 99 Broad St, Boston, Mass
°Hummel Chem Co, 90 West St, N Y 6
°Magna Mfg Co, 4 Ave, Haskell, N J
°Metals Disintegrating Co, P O Box 290, Elizabeth B, N J
Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
°Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
°Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ALUMINUM PHOSPHATE

$Al(PO_4)$. White powd. Sol. mineral acids; insol. water. Uses—as a cement mixed with calcium sulfate and sodium silicate; as flux in ceramics.
●Pkg—100 lb. bags, drums, 100, 200, 700 lb. bbls.

°J T Baker Chem Co, Phillipsburg, N J
°Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ALUMINUM m-PHOSPHATE

$Al(PO_3)_3$. Approx. chem analysis: Al_2O_3. 19.0%, P_2O_5. 79.0%. Loss on ign.; 1.6%. Refractive index (Amorp.)=1.542±0.005. Suggested applications are as a pigment in paper mfr. and as a source of Al_2O_3 and P_2O_5 in special glasses.
●Pkg—100 lb. drums, 275 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ALUMINUM POTASSIUM SULFATE see Alum, Potash

ALUMINUM POWDER (Aluminum Flake)

Al. Silvery solid. Sp. gr. 2.708. M.P. 700°C. B.P. approx. 2200°C. Sol. acids, alkalies; insol. water. Uses—mfr. aluminum salts, pyrotechnics, photographic flashlights, aluminum paints and varnishes, ammoniacal and other explosive compositions, rubber ingredients, paper coating, potteries and porcelains, aluminothermis welding, chemicals, alloys, electrical conductors, fire brick; as catalyst mfr. ammonia; absorbing occluded gases in mfr. steel; in chemical analysis. Grades—dust, flake, standard unpolished, powdered.
●Pkg—200, 300, 500 lb. drums.

°Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
John A Chew, 60 E 42 St, N Y 17
Croton Chem Corp, 114 Liberty St, N Y 6
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Howe & French, 99 Broad St, Boston, Mass
*Hummel Chem Co, 90 West St, N Y 6
*Magna Mfg Co, 4 Ave, Haskell, N J
*Merck & Co, Rahway, N J
*Metals Disintegrating Co, Elizabeth B, N J
Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
William D Neuoerg Co, 420 Lexington Ave, N Y 17
C J Osborn Co, 132 Nassau St, N Y 38
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ALUMINUM RESINATE

$Al(C_{44}H_{33}O_6)_3$. Brown, solid amorp. Insol. water. Uses—drier for varnishes. Grades—tech.; fused; precip.
●Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

ALUMINUM RICINOLEATE

J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

ALUMINUM SILICATE

$Al_4O_4.Si_3O_4$. M.W. 345.94. Sp. gr. 3.15.
●Pkg—50 lb. bags.

°Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Edgar Bros Co, Metuchen, N J
*English Mica Co, 79 Prospect St, Stamford, Conn
*Hammill & Gillespie, 225 Broadway, N Y 7
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa

ALUMINUM SODIUM SULFATE see Alum, Sodium

ALUMINUM STEARATE see also other Aluminum Soaps

$Al(C_{18}H_{35}O_2)_3$. White to yellowish amorp. powd. Insol. water; sol. turpentine oil, petroleum, alkalies; sl. so. alcohol. Uses—mfr. dyes, dye preps, tinning and soldering compounds, cutting and lubricating compositions; as paint and varnish drier; coating agent; in waterproofing textiles; artificial thickening of vegetable, mineral oils.
●Pkg—25, 50 lb. bags, cartons, drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
°American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J M Baird Co, 254 W 31 St, N Y 1



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M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Howe & French, 99 Broad St, Boston, Mass
R B Huber, 216 Tremont St, Boston 16, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
Merchants Chem Co, 60 E 42 St, N Y 17
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Reheis Co, Snyder Ave, Berkeley Heights, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

ALUMINUM SULFATE (Cake Alum, Papermakers' Alum, Pearl Alum, Patent Alum, Pickle Alum)

$Al_2(SO_4)_2 + 18H_2O$. M.W. 666.40. White, solid powdered or granular crystalline. Loses water on crystallization, 48.6% when gradually heated to 200°C. Sp. gr. 1.62. Decomp. at 86.5°C. Sol. water, insol. alcohol. Uses—mfr. wood pulps, paper, alums, aluminum salts, printing inks, lubricants, red liquor, boiler compounds, lake colors, satin white, oil cloth, linoleum, ceramics, paper sizing; as filtering medium; waterproofing agent; mordant in dyeing; in clarifying fats and oils; tanning white leather; purifying water; deodorant and decolorizing petroleum; in medicine. Domestic product usually contains at least 17% Al_2O_3. Grades—commercial; iron free; lump, ground, powdered; N.F.; C.P.; U.S.P.

●Pkg—100 lb. bags, 25, 100, 200, 250 lb. drums. 325, 400 lb. bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Aluminum Import Corp, 630 5 Ave, N Y 20
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Gulnotte & Michigan Aves, Kansas City 20, Mo
Browning Chem Corp, 150 Broadway, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md.
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Sales Corp, 500 5 Ave, N Y 36
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ALUMINUM SULFOCARBOLATE (Aluminum Phenolsulfonate)

$Al_2(C_6H_4HSO_4)_6$. Reddish-white powd. with sl. phenol odor. Sol. water, alcohol, glycerin. Uses—antiseptic, astringent.
● Pkg—25, 100, 250, 300 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ALUMINUM TRIHYDRATE see Aluminum Hydroxide

AMBERGRIS

Concretion from intestinal tract of sperm whale. Found in tropical seas or on sea shores. Composed of cholesterol (about 80%), fatty oil, ambrein, benzoic acid. Irregular gray to black waxy masses. Peculiar, characteristic odor. Sp. gr. 0.8-0.92. M.P. about 60°C. Insol. in water or alkali hydroxides; sol. in hot alcohol, chloroform, ether, fats, volatile oils. Uses—perfumery, stimulant in medicine.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Tombarel Products Corp, 12 E 22 St, N Y 10

AMBOYNA see Oil, Cloves

AMERICAN ASHES see Potassium Carbonate

AMIANTHUS see Asbestos

AMIDES

Compounds derived from carboxylic acids by replacing the hydroxyl of the —COOH group by the amino group.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill

AMIDOETHANE see Ethyl Amine

AMIDO-MERCURIC CHLORIDE see Mercury, Ammoniated

AMINATE see Aminoguanidine Bicarbonate

AMINES see also Monoethanolamine, Diethanolamine, Triethanolamine, Ethylene Diamine, Acetoacetanilide, Monoamylamine, Diamylamine, etc.

A group of compounds derived from ammonia by substitution of organic radicals for hydrogen atoms. Class includes diamines ($2\ NH_2$ groups), primary and tert. amines, and quaternary bases, for both aliphatic and aromatic series. Amines used commercially include monoethanolamine, diethanolamine, ethylene, diamine, triethanolamine and acetoacetanilide. Uses—as bases; with fatty acids to form soaps; organic synthesis; removal CO_2 from inert gases; softening and moistening agents; acid gas absorbents; solvents, dispersing agents, plasticizing agents; medicinals; rubber accelerators and inhibitors; mfr. dyestuffs.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23

General Mills
FATTY AMINES!

KNOWN APPLICATIONS:
TEXTILES—water repellents, cationic softeners, antistatic reagents, dye fixatives, wetting agents.
MINING—selective flotation agents.
PETROLEUM—corrosion inhibitors, water treatment, industrial greases, asphalt binders.
DETERGENTS—foam stabilizers and extenders.
GERMICIDES—bactericides, fungicides.

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• GM ALAMIDE (fatty amide)

There's a Fatty Amine for your specific need! Please indicate your requirements and we will be able to help you select the proper Fatty Amine.

General Mills, Inc.
CHEMICAL DIVISION
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The ARMIDS are a series of high molecular weight aliphatic amides having alkyl chain lengths of 8 to 18 carbon atoms.

The ARMIDS are available in commercial quantities for use in emulsions, printing inks, plastic anti-blocks, asphalt compounds, dye solubilizers, wax mixtures and chemical synthesis.

For descriptive bulletins and samples, write:

ARMOUR CHEMICAL DIVISION
Armour and Company
1355 W. 31st Street • Chicago 9, Illinois

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A new primary amine, Hercules* Rosin Amine D, may be converted by typical reactions into valuable new chemical compounds. Send for technical data.

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o-Aminoacetophenone
4-Aminoacetylcatechol
Aminochloropyrimidines
3-Amino-2-naphthoic Acid
1-Amino-5-naphthol
2-Amino-4-nitrobenzoic Acid
3-Aminopyridine
4-Aminopyridine
6-Aminoquinoline
7-Aminoquinoline
2-Aminoquinoxaline
Cadaverine
Decamethylenediamine
1,3-Diaminopropane
Ethanolamine Dinitrate
Galactosamine
Hexamethylenediamine
Mercaptoethylamine
1,5-Naphthalenediamine
1,8-Naphthalenediamine
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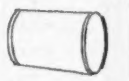
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For complete list of company products: See Catalog Section

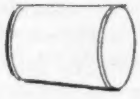
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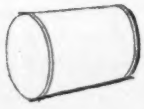


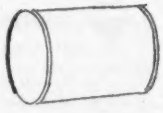
aromatic amines











PRIMARY

2,5-dimethoxy aniline
2,5-diethoxy aniline

Readily diazotized to yield light-sensitive salts. Used in the manufacture of naphthol color bases.

SECONDARY

o-tolyl propanolamine

Typical secondary amine reactions. Forms azo dyestuffs when coupled with diazo salts. Ring may be nitrated, sulfonated or halogenated.

TERTIARY

phenyl ethyl ethanolamine
m-tolyl diethanolamine
phenyl diethanolamine

Highly reactive—may be nitrated, sulfonated, halogenated or esterified. Forms quaternary salts and may be coupled with diazo salts to form dyes.



These highly useful Eastman intermediates are available in drum lots.

Sales offices in principal cities; see ad in Catalog Section

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

AMINES, continued

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Edwal Labs, Ringwood, Ill
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*General Mills, 400 2 Ave S, Minneapolis, Minn
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
Rohm & Haas Co, 712 Locust St, Phila 5, Pa

AMINES FROM FATS

The ARMEENS and DUOMEENS are a series of high molecular weight aliphatic amines having alkyl chain lengths of 8 to 18 carbon atoms.

The ARMACS are the water-soluble amine acetates made from the ARMEENS.

Both ARMEENS and ARMACS are available in commercial quantities for use in cationic emulsifiers, wetting agents, plasticizers, water repellents, ore flotation reagents, synthetic detergents, germicides, chemical synthesis. For descriptive bulletins and samples, write:

ARMOUR CHEMICAL DIVISION
Armour and Company
1355 W. 31st Street • Chicago 9, Illinois

*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Standard Ultramarine & Color Co, 24 St & 5 Ave, Huntington, W Va
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

p-AMINOACETANILIDE (Acetyl-p-Phenylenediamine)

$NH_2.C_6H_4.NH.CO.CH_3$. M.W. 150.09. White or sl. reddish needles. M.P. 160.5°C. Sol. water, alcohol, ether. Uses—mfr. azo dyes, intermediates, organic chemicals. Grades—90% powd.
● Pkg—25 gal. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del

b-AMINOANTHRAQUINONE

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

AMINOANTIPYRINE

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
*National Aniline Div, 40 Rector St, N Y 6
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Winthrop-Stearns, 1450 Broadway, N Y 18

AMINOAZOBENZENE (p-Aminodiphenylimide Phenylazoaniline, Aniline Yellow)

$C_6H_5N[1]:N.C_6H_4NH_2[4]$. M.W. 197.11. Brownish-yellow needle cryst. M.P. 126°C. B.P. below 360°C. Sol. alcohol, benzene, chloroform, ether; sl. sol. water. Uses—mfr. derivatives, chrysoidine and indulne dyes; coloring food products, and alcohol varnishes. Grades—tech.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

AMINOAZOBENZENE HYDROCHLORIDE

$C_6H_5N[1]:N.C_6H_4.NH_2[4].HCl$. Bluish needle cryst. or powd. Sol. alcohol, very sl. water. Uses—imparts color to lacquers.
● Pkg—150 lb. bbls.

*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*National Aniline Div, 40 Rector St, N Y 6

AMINO-AZOTOLUENE (o-Aminiazotoluene, Toluazotoluidine)

$C_{14}H_{15}N_3$. Dark yellow to red cryst. M.P. 80-128°C. (depending on position of groups). Sol. alcohol, chloroform, ether, fixed oils; very sl. water. Uses—mfr. intermediates, organic chemicals, dyestuffs, pharmaceuticals. Grades—C.P.
● Pkg—Custom packed.

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div. Bound Brook, N J

AMINES

Ethylamines
Butylamines
Isobutylamines
n-Propylamines
Isopropylamines
Diethylaminoethanol
Dimethylaminoethanol
Ethylethanolamines 161
Isopropylaminoethanols

SHARPLES TRADE MARK CHEMICALS

Sharples Chemicals Inc.
PHILADELPHIA
CHICAGO
NEW YORK

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Polychemical Co, 494 Huntspoint Ave, N Y 59

o-AMINOAZOTOLUENE see Amino-azotoluene

AMINOBENZENE see Aniline

p-AMINOBENZENESULFONAMIDE see Sulfanilamide

2-AMINOBENZENETHIOL

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

AMINOBENZOTHIAZOLE (2—Aminobenzothiazole)

$C_7H_6N_2S$. M.W. 150.19. Insol. water; sol. dilute acid, methanol. Uses—polymerization accelerator, organic synthesis.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

2—AMINOBENZOTHIAZOLE see Aminobenzothiazole

AMINOBENZOYL - DIETHYLAMINOETHANOL HYDROCHLORIDE see Procaine Hydrochloride

o-AMINOBICYCLOHEXYL

*Bios Labs, 17 W 60 St, N Y 23
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

p-AMINOBIPHENYL

● Pkg—450 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

2-AMINO-1-BUTANOL

$CH_3CH_2CH(NH_2)CH_2OH$. Isomeric with 2 amino-2-methyl-1-propanol. Colorless, moderately viscous liq. Sol. in water and most organic solvents.

J M Baird Co, 254 W 31 St, N Y 1
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

AMINODICHLOROBENZENE see Dichloroaniline

AMINOCUMENE see Cumidine

p-AMINODIETHYLANILINE HYDROCHLORIDE

$(C_2H_5)_2NC_6H_4NH_2.HCl$. M.W. 165. Free-flowing white to gray-brown cryst. Sol. alcohol, ether. Uses—color photographic developing formulas.

● Pkg—1, 5 lb. bottles, 25, 50, 100 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*National Aniline Div, 40 Rector St, N Y 6

p-AMINODIMETHYLANILIN SULFATE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

AMINODIMETHYLBENZENE see Xylidines (Mixed)

AMINODIPHENYL

● Pkg—475 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

o-AMINO DIPHENYL

$C_{12}H_{11}N$. M.W. 169.098. Purplish cryst. Uses—organic synthesis. Ship. Class.—chemicals.

● Pkg—475 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

p-AMINODIPHENYLAMINE HYDROCHLORIDE

● Pkg—Drums.

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

p-AMINODIPHENYLIMIDE PHENYLAZOANILINE see Aminoazobenzene

AMINOETHANE see Ethyl Amine

AMINOETHYLETHANOLAMINE

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

2-AMINOETHYLETHANOLAMINE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

b-AMINOETHYLGLYOXALINE see Histamine

2-AMINO-2-ETHYL-1,3-PROPANEDIOL

$CH_3OHC(C_2H_5)(NH_2)(CH_2OH)$. Chemical properties of this compound are very similar to those of 2 Amino-2-methyl-1,3 propanediol, described below. Due to low M.P. of 2 Amino-2-ethyl-1,3 propanediol it may be a viscous liq. rather than a solid at room temp.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

AMINOFORM see Hexamethylenetetramine

AMINOGUANIDINE BICARBONATE (Aminate)

$NH_2NHC(NH_2)(:NH:H_2CO_3)$. M.W. 136.09. White powd. Insol. cold water, alcohol. Uses—prep. of tetracene; dyestuffs; in photography.

● Pkg—185 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

2-AMINO HEPTANE

J M Baird Co, 254 W 31 St, N Y 1
*Blackman Brands, Wesley St, S Hackensack, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Gane's Chem Works, 677 5 Ave, N Y 22
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 60
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

AMINO-ISOPROPYLBENZENE see Cumidine

AMINOMETHANE see Methyl Amine

2-AMINO-2-METHYL-1,3-PROPANEDIOL

$CH_2OHC(CH_3)(NH_2)(CH_2OH)$. Colorless, odorless solid. Sol. water and alcohols. Uses—its soaps are valuable as emulsifying agents.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

2-AMINO-2-METHYL-1-PROPANOL

$CH_3C(CH_3)NH_2CH_2OH$; Colorless liq. white crystalline solid. Sp. gr. .0934 at 20°C/20°C.; B.P. (760 mm) 165°C (10 mm) 67.4°C. M.P. 25-26°C. Sol. in water. Uses—emulsifying agent for oils, fats and waxes; absorbent for acidic gases; chemical synthesis.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

a-AMINONAPHTHALENE see a-Naphthylamine

2-AMINO 6-OXYPURINE see Guanine

AMINOPHEN see Aniline

m-AMINOPHENOL

$NH_2C_6H_4OH$. M.W. 109.06. Buff crystalline powd. M.P. 122°C. Sol. alcohol. Uses—intermediate for the mfr. of dyes; intermediate in mfr. of p-Aminosalicylic Acid.

● Pkg—100, 150, 200 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Antara Chem Div, 435 Hudson St, N Y 14
*Carwin Co, Stiles Lane, N Haven, Conn
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Failek Products Co, 163 Broadway, N Y 6
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Republic Chem Corp, 94 Beekman St, N Y 38
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

o-AMINOPHENOL

$C_6H_4.(NH_2)(OH)1:2$. White, crystalline powd. M.P. 170°C. Sol. water, alcohol, ether. Uses—mfr. azo, sulfur, hair and fur dyes. Grades—tech.; 99%; photographic: U.S.P.

● Pkg—Bbls., drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

o-AMINOPHENOL HYDROCHLORIDE

$C_6H_7ON.HCl$. M.W. 145.53. White cryst.; readily becoming gray on exposure to light. Sol. water, alcohol. Uses—in dying fur, hair, leather, etc.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

p-AMINOPHENOL OXALATE

● Pkg—1 lb. bottles, 25, 100 lb. drums.

*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

AMINOPHENOL SULFATE

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

p-AMINOPHENOL SULFATE

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1

1-AMINO-1-PHENYL ETHANE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

AMINOPHYLLINE (Theophylline Ethylenediamine)

$(C_7H_8O_2N_4)_2C_2H_4(NH_2)_2$ $2H_2O$; M.W. 456.3 White or sl. yellow granules or powd.; sl. ammonia odor; bitter taste, insol. alcohol or ether. Keep tightly closed and away from light. Uses—diuretics, coronary dilator.

● Pkg—Bottles, 25, 100 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Failek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Gane's Chem Works, 677 5 Ave, N Y 22
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ANHYDROUS AMMONIA

HENRY BOWER CHEMICAL MANUFACTURING CO.
29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

AMINOPHYLLINE, continued

Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

N-AMINOPROPYL MORPHOLINE

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

2-AMINO PYRIDINE

$C^5H^6N_2$. M.W. 94.11; Nitrogen 29.77%. M.P. 55° C. B.P. 203-205°C. white leaflets or large, colorless cryst. Sol. water, alcohol, benzine, ether, hot petroleum benzin.

● Pkg—30, 50 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Nepera International Corp, 37 Wall St, N Y 5
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

AMINOPYRINE (Pyramidone)

$C_{13}ON_2(CH_3)_2C_6H_5$. Colorless crystalline powd. M.P. 107°-109°C.

● Pkg—25, 100 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Fisher Chem Co, 220 E 42 St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind.
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Corp, 350 5 Ave, N Y 1
White Cross Labs, 79 Wall St, N Y

AMINOTHIAZOLE

$C_3H_4N_2S$. M.W. 100.14. Its general characteristics are: Appearance—light brown cryst., assay—98%, crystallizing point—87.5°C. It is used chiefly in chemical syntheses.

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of The Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Merck & Co, Rahway, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

AMINO THIOUREA see Triosemicarbazide

AMINOTOLUENE see Toluidines (Mixed)

AMINOXYLENE see Xylidines (Mixed)

AMMONIA, ANHYDROUS

NH_3. Colorless gas, pungent odor. Liquefies at —77.7° C, higher temp. at pressure above atmospheric pressure. Sp. gr. 0.7710 (gas). B.P. —33.4°C at 760 mm. Sol. water, alcohol, ether. Uses—as a refrigerant (see also Ammonia Water). Grades—tech.; pure.

● Pkg—Cylinders.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Quinine Co, 15 William St, N Y 5
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dow Chemical Co, Midland, Mich
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Merchants Chem Co, 60 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shell Chem Corp, 50 W 50 St, N Y 20
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
O J Weeks Co, 44 N Moore St, N Y 13

AMMONIA, AQUA (Ammonia Water, Aqua Ammonium, Ammonium Hydrate, Ammonium Hydroxide, Spirits of Hartshorn)

NH_4OH. Varying properties according to compositions. Colorless solution of gas in H_2O. Sp. gr. 0.897 at 15°C (28%). Tech. grade usually 29.4 (26° Be). B.P. 38.5° C. Sol. water. Caution—mix with H_2SO_4 or other mineral acids with care. Uses—mfr. intermediates, organic com-

Fine Chemicals — BPC

Aminophylline

BENZOL PRODUCTS CO.
237 SOUTH STREET NEWARK 5, N. J.

gane's
Established 1929
Factory, Carlstadt, N. J.
• Aminophylline
• Theophylline
Gane's Chemical Works, Inc.
677 FIFTH AVENUE, NEW YORK 22, NEW YORK

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

pounds, synth. drugs, perfumes, ammonia soaps, ammonia salts, anhydrous ammonia, nitric acid (by synthesis), sodium cyanide, soda ash, ammonium nitrate, ammonium picrate, ammonium sulfate, ceramics, glues, cements, inks, laboratory reagents, paper, pulp, blue print paper, smelling salts; as cleaning, bleaching, fireproofing, and resin condensing agents; photographic developer; accelerator in phenolic condensations; refrigerant; vulcanization accelerator; solvent in making cuprammonium rayon; assist in dyeing and printing; in fireproofing wood; lub. compositions; tanning leather; in brass, steel, and metal industries; electrotyping and photo-engraving, scouring wool; in sulfuric acid mfr. to furnish nitre oxides by oxidation; in medicine. Grades—16,18,20,26 deg. solution; tech.; C.P.; U.S.P.

● Pkg—Bottles, 6½, 13 gal. carboys, 55, 110 gal. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Axton-Cross Corp 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
John A Chew, 60 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Cornwell Chem Corp, 24 E 38 St, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*General Chem Div, 40 Rector St, N Y 6
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis
Mutchler Chem Co, 258-259 Broadway, N Y
National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shell Chem Corp, 50 W 50 St, N Y 20
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

AMMONIA CRYSTALS see Ammonium Carbonate

AMMONIA SOAP see Ammonium Oleate

AMMONIA WATER see Ammonia (Aqua)

AMMONIAK see Ammonium Chloride

AMMONIATED MERCURY CHLORIDE see Mercury, Ammoniated

AMMONIO CUPRIC SULFATE see Copper Ammonium Sulfate

AMMONIOFERRIC CITRATE see Iron and Ammonium Citrate

AMMONIOFERRIC OXALATE see Iron and Ammonium Oxalate

AMMONIOFERRIC SULFATE see Iron and Ammonium Sulfate

AMMONIOFORMALDEHYDE see Hexamethylenetetramine

AMMONIUM ACETATE

$NH_4(C_2H_3O_2)$. M.W. 77.06. White, hygroscopic, crystalline mass, sl. aceti acid odor. S p. gr. 1.073. M.P. 103°C. Easily sol. in water; sol. alcohol. Uses—laboratory reagent; assist in dyeing; in medicine. Grades—U.S.P. solution; 35% solution; cryst.; C.P. cryst.

● Pkg—20 lb. jars, 25, 100, 150, 200 lb. drums, bbls.

*J T Baker Chem Co, Phillipsburg, N J
C B Coburn Co, 63 Market St, Lowell, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Republic Chem Corp, 94 Beekman St, N Y 38

AMMONIUM ALGINATE

A hydrophyllic vegetable colloid (ammonium salt of alginic acid). Use—in rubber mfr., creaming and bodying of natural and synthetic latex, protective colloid in resin emulsion paints, etc.

● Pkg—100, 300 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Burtonite Co, P O Box 7, Nutley 10, N J
Croda, Inc, 51 Madison Ave, N Y
*Keico Co, 31 Nassau St, N Y 5

AMMONIUM ALKYL PHOSPHATES

NH_4RHPO_4. Concentrated aqueous solutions of the ammonium salts of the monomethyl, ethyl, propyl, butyl, and amyl o-phosphates. Insol. in alcohol. Find application as humectants and as fireproofing compounds with the distinctive property that treated materials retain luster and flexibility. The butyl, and particularly the amyl, derivatives possess good penetrating ability.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal

AMMONIUM AQUA see Ammonia Aqua

Monsanto SYTON

For Industrial Applications

● Syton, Monsanto's silica aquasol, is a colloidal solution of hydrated silica in water (30% by weight). Because of the nature and size of the silica micelle, various important properties may be imparted by simple addition to aqueous solutions. SOME SUGGESTED APPLICATIONS FOR SYTON: anti-slip agent in emulsion-type waxes; anti-blocking and gloss controlling agent in water-based finishes, latex and similar compounds; improvement and modification of the properties of latex and rubber products and other elastomeric systems; to surface harden water-based laminating resins; to aid in the suspension of pigments in aqueous systems; modification of paper and other filmlike materials to improve wettability, absorption and other surface characteristics; as a mold lubricant. MONSANTO CHEMICAL COMPANY, Merrimac Division, Boston 49, Massachusetts.

Syton: Reg. U. S. Pat. Off.

MONSANTO CHEMICALS—PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

Aqua Ammonia
Caustic Soda
Cyanides
Phosphates
Proprietary Solvent
Sodium Aluminate
Soda Ash
Sodium Hypochlorite (Bleach)

Axton-Cross corp.

817 Waverly St.
Framingham, Mass.
Phone: 4379

Railroad Ave.
Berwick, Maine
Phone: So. Berwick 4001

AMMONIA ANHYDROUS and AQUA

MATHIESON INORGANIC CHEMICALS*

Ammonia, Anhydrous	Chlorine, Liquid
Ammonia, Aqua	Dry Ice
Ammonium Sulphate	Nitrate of Soda
Bicarbonate of Soda	Nitric Acid
Calcium Hypochlorite	Soda Ash
Carbonic Gas	Sodium Chlorite
Caustic Soda	Sulphur, Processed
Chlorine Dioxide	Sulphuric Acid

For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Industrial Chemicals Division
Baltimore 3, Maryland

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SOLVAY

WHITE AMMONIUM CHLORIDE

SOLVAY PROCESS DIVISION

ALLIED CHEMICAL & DYE CORPORATION
61 Broadway, New York 6, N. Y.

BRANCH SALES OFFICES:
Boston • Charlotte • Chicago • Cincinnati
Cleveland • Detroit • Houston • New Orleans
New York • Philadelphia • Pittsburgh
St. Louis • Syracuse

Soda Ash • Caustic Soda • Calcium Chloride
Chlorine • Potassium Carbonate • Sodium
Bicarbonate • Ammonium Bicarbonate
Cleaning Compounds • Ammonium Chloride
Caustic Potash • Sodium Nitrite
Snowflake®Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

AMMONIUM BICARBONATE

HENRY BOWER CHEMICAL MANUFACTURING CO.
29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

AMMONIUM BENZOATE

$C_6H_5COONH_4$. White odorless powd. free from foreign solids. Sp. gr. 1.260. Sol. in water, alcohol, glycerine. Uses—preservative for rubber, adhesives; in mfr. of medicinals. Cont.—100 pound paper-lined bbls.
● Pkg—25, 50, 100 lb. drums

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

AMMONIUM BIBORATE see Ammonium Borate

AMMONIUM BICARBONATE (Acid Ammonium Carbonate, Ammonium Hydrogen Carbonate)

NH_4HCO_3. White, granular or powdered. Sp. gr. 1.573. Decomp. at 58°C. Sol. water; insol. alcohol. Analyses at 21.5% NH_3, 56% CO_2, 22.5% H_2O. Uses—mfr. ammonia salts, dyes, fire extinguishing compounds; as leavening and degreasing agents; in medicine. Grades—pure; tech.
● Pkg—100 lb. kegs, 100, 250, 300 lb. drums, 325 lb. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
George Uhe Co, 76 9 Ave, N Y 11
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14

AMMONIUM BICHROMATE (Ammonium Dichromate)

$(NH_4)_2Cr_2O_7$. M.W. 252.10. Orange-yellow, needle cryst. Sp. gr. 2-153. Decomp. on heating. Sol. water, alcohol. Uses—mfr. inks, alizarine, sporting smokeless powd., synth. perfumes; purifying fats and oils; pickling agent for candlewicks; reagent in gum printing; in process engraving, photo-engraving and lithography; as mordant in dyeing and printing. Caution—poisonous.
● Pkg—100 lb. drums, 350 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Philip A Hunt Co, Palisades Park, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Mutual Chem Co of America, 270 Madison Ave, N Y 16
Joseph Turner & Co, Ridgefield, N J
George J Wiesner Co, 150 Nassau St, N Y 38

AMMONIUM BIFLUORIDE (Hydrogen Ammonium Fluoride)

$(NH_4)FHF$. White cryst. Sp. gr. 1.211. Sol. water. Uses—mfr. ceramics, etching glass; sterilizing agent; laboratory reagent; general disinfectant; electroplating reagent; mordant for aluminum. Grades—tech.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bergstrom Trading Co, 233 Broadway, N Y 7
*General Chem Div, 40 Rector St, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
L J & M La Place, Lellarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Mercer Chem Corp, 11 Mercer St, N Y 13
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Oil & Chem Products, 295 Madison Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
George J Wiesner Co, 150 Nassau St, N Y 38
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

AMMONIUM BINOXALATE (Acid, Ammonium, Ammonium Bioxate, Ammonium Acid Oxalate)

$NH_4HC_2O_4.H_2O$. M.W. 125.06. Colorless rhombic cryst. Sp. gr. 1.56. Sol. 25 water; sl. sol. alcohol. Uses—as an ink eraser and reagent.
● Pkg—Bottles, 25, 100 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11

AMMONIUM BIPHOSPHATE see Ammonium Phosphate (Mono)

AMMONIUM BITARTRATE (m-Ammonium Tartrate, Acid, Ammonium Tartrate)

$NH_4HC_4H_4O^3$ M.W. 167.1. Colorless cryst. Sol. hot water; insol. alcohol. Uses—for the detection of calcium, also in baking powd.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

AMMONIUM BORATE (Ammonium Biborate, Ammonium Acid Tetraborate)

$NH_4HB_4O_7.4H_2O$. White cryst. Sp. gr. 2.38 to 2.96. Sol. water. Uses—mfr. fabrics; fireproofing; laundry purposes; fireproofing wood; in medicine. Grades—tech.; C.P.
● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal

AMMONIUM BOROFLUORIDE see Ammonium Fluoborate

AMMONIUM BROMIDE

NH^4Br. White, sl. hygroscopic cryst. or powd. Sp gr. 2.548 (15°C). Sublimes. Sol. water, alcohol, ether Uses—precipitant of silver salts; in photography, engraving; laboratory reagent; in medicine. Grades—U.S.P. C.P.: pure: tech.
● Pkg—25, 50, 150 lb. drums, 400 lb. bbls.

J T Baker Chem Co, Phillipsburg, N J
*Dow Chem Co, Midland, Mich
Gane & Ingram, 43 W 16 St, N Y 11
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
Joseph Turner & Co, Ridgefield, N J

AMMONIUM CARBONATE (Ammonia Crystals, Hartshorn Salts)

$(NH_4H)HCO_3 + (NH_4)(NH_2)CO_2$. Mixture of acid ammonium carbonate and ammonium carbamate. Analyses at 31% NH_3, 57% CO_2, 12% H_2O. White lumps, powd., chips or cubes. M.P. 85°C. Sol. cold water. Sl. sol. alcohol. Uses—mfr. ammonia salts, organic chemicals, casein colors, baking powd., casein glues and adhesives, fire extinguishing compounds, smelling salts and other perfume products, ceramics; as tanning, cleansing and vulcanizing agents; laboratory reagent; mordant in dyeing and printing; in washing wool; to make hollow goods; in medicine. Grades—U.S.P.; C.P.; tech.; powd., lump, cubes.
● Pkg—135, 140, 225, 325 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Chemical Mfg Co, 444 Madison Ave, N Y 22
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
William D Neuberg Co, 420 Lexington Ave, N Y 17
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11

AMMONIUM CHLORIDE (Sal Ammoniac, Ammonium Muriate, Salimac, Ammoniac)

NH_4Cl. White to grayish lumps, cryst. or powd. Sp. gr 1.520 (17°C). Volatilizes. Sol. water, glycerol. Uses—mfr. ammonia salts, synth. drugs, perfumes, inorganic and organic compounds, dyes, candles, washing powd.; as electrolyte in batteries and cells; fertilizer; soldering and galvanizing flux; rush cement; pickling agent in tinning; mordant in dyeing and printing; in tanning leather; nickeling and platinizing liquors; in medicine. Grades—tech. (gray, white); U.S.P.; C.P. granulated. lump.

● Pkg—25, 100, 225, 250 lb. drums, 100 lb. bags, 300 lb. bbls., 75 lb. kegs.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Geo Callahan & Co, Closter, N J
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Croton Chem Corp, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*White Cross Labs, 79 Wall St, N Y

AMMONIUM CHROMATE

$(NH_4)_2CrO_4$. Yellow crystalline. Sp. gr. 1.866. M.P. 185°C. Sol. water; insol. alcohol. Uses—mordant in dyeing textiles; sensitizing photographic coatings. Grades—C.P.; tech.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

AMMONIUM CITRATE

$(NH_4)_3C_6H_5O_7$. White powd. or granules. Sp. gr. 1.479 (22°C). Sol. water; sl. sol. alcohol. Uses—mfr. rust-proofing compositions, mordant in printing cottons; laboratory reagent. Keep from air.

● Pkg—25, 50, 100, 200 lb. drums, 250 lb. bbls.

J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

AMMONIUM DICHROMATE see Ammonium Bichromate

AMMONIUM ETHYL PHOSPHATE

75% solution in water. Water-white to yellow tinge. Ammoniacal odor. Sp. gr. 1.23 at 25°C. pH 75% solution to heat. When subjected to elevated temp. for any length of time as solution or white on any article will liberate ammonia with reduction in pH. Suggested Uses—as flame proofing agent for paper, textiles, etc.

● Pkg—500 lb. drums.

Elbert & Co, 2 Broadway, N Y 4
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

AMMONIUM FERROCYANIDE

$(NH_4)_4Fe(CN)_6.3H_2O$. M.W. 338.20. Greenish-yellowish cryst. Sol. water. Uses—as a reagent.

● Pkg—Bottles.

*J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
Republic Chem Corp, 94 Beekman St, N Y 38

AMMONIUM FLUOBORATE (Ammonium Borofluoride)

NH_4BF_4. M.W. 104.86. Hexagonal prisms. Sp. gr. 1.851 at 17°C. Sol. water, alcohol. Packages as required.

*American Agricultural Chem Co, 50 Church St, N Y 7
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

AMMONIUM FLUORIDE (Meat Salt)

NH_4F. White, deliq. crystalline. Sublimes. Sol. water; sl. sol. alcohol. Uses—mfr. fluorides, etching glass; as laboratory reagent, disinfectant and antiseptic in brewing; mordant in dyeing and printing, improving sandy soils. Caution—should be packed in rubber containers. Grades—tech.; C.P.; U.S.P. cryst.

● Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Conray Products Co, 510 Ave of The Americas, N Y 11
*General Chem Div, 40 Rector St, N Y 6
Rosenthal Bercow Co, 25 E 26 St, N Y
Henry Sundheimer Co, 103 Park Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11

AMMONIUM FORMATE

NH_4CHO_2. Colorless, deliq. cryst. Sp. gr. 1.266. Decomp. on heating. Sol. water, alcohol. Uses—mfr. ammonium oxalate, formamide; condensing agent in making rayon; in medicine. Grades—commercial.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
McKesson & Robbins, 155 E 44 St, N Y
*Sterone Corp, 250 W 57 St, N Y 19

AMMONIUM GLUCONATE

$NH_4C_6H_{11}O_7$. White powd. Uses—in foods as emulsifying agent for cheese and salad dressing.

● Pkg—50, 100 lb. drums, 250 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

AMMONIUM HYDRATE see Ammonia Aqua

AMMONIUM HYDROGEN CARBONATE see Ammonium Bicarbonate

AMMONIUM HYDROGEN SULFIDE see Ammonium Sulfide

AMMONIUM HYDROSULFIDE see Ammonium Sulfide

AMMONIUM HYDROXIDE see Ammonia Aqua

AMMONIUM HYPOPHOSPHITE

$NH_4H_2O_2$. Crystals or white powd. Uses—medicinal.

Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

SOLVAY

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AMMONIUM BICARBONATE

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Snowflake® Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

AMMONIUM ICHTHYOLSULFONATE see Ichthyol

AMMONIUM ICHTHYNATE

Brownish-black syrupy liq. Burning taste. Uses—medicinal.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of The Americas, N Y 11
Gane & Ingram, 43 W 16 St, N Y 11

AMMONIUM IODIDE

NH_4I. M.W. 144.96. White cryst., hygroscopic or unstable powd. Sp. gr. 2.563. Sublimes on heating. Sol. water, alcohol. Uses—mfr. iodides; sensitive agent in making photographic films and plates; in medicine. Caution—store away from light. Grades—U.S.P.; C.P.; tech.

● Pkg—Custom packed.

J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

AMMONIUM LACTATE

$NH_4C_3H_5O_3$. Clear, colorless or sl. yellowish, syrupy liq. very hygroscopic. Sp. gr. 1.19—1.21 at 15° C. Miscible alcohol, water. Caution—Keep cool, decomp. with heat. Uses—tanning and finishing leathers; electroplating baths. Grades—tech.

● Pkg—1, 5 lb. bottles.

*American Maize Products Co, 100 E 42 St, N Y
*American Quinine Co, 15 William St, N Y 5
*Apex Chem Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Jasonois Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kingston Chem Co, 15 William St, N Y 5
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Baker CHEMICAL

AMMONIUM MOLYBDATE
Reagent Crystal
AMMONIUM MOLYBDATE
C. P. Crystal
MOLYBDIC ACID
Reagent
MOLYBDIC ACID
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AMMONIUM LINOLEATE

$NH_4C_{17}H_{31}CO_2$. Cream paste with ammoniacal odor. Uses—as detergent; emulsifying agent; reduces surface tension. Grades—tech.

*Bios Labs, 17 W 60 St, N Y 23
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

AMMONIUM MOLYBDATE (Basic Molybdate)

$(NH_4)_6Mo_7O_{24}+4H_2O$. Colorless or sl. greenish or yellowish cryst. Sp. gr. 2.38—2.95. M.P. decomp. on heating. Sol. water. Uses—mfr. pigments; laboratory reagent. Grades—C.P.; tech. solution.

●Pkg—25, 100, 200, 300 lb. drums, 400 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col

AMMONIUM MURIATE see Ammonium Chloride

AMMONIUM NITRATE

NH_4NO_3. M.W. 80.05. Colorless or white crystalline or granular powd. Sp. gr. 1.725. M.P. 169.6°C. Decomp. at 210°C into water and nitrous oxide. Only sol. in water, alcohol, alkalies. Uses—mfr. laughing gas, military explosives, pyrotechnic compositions, insecticides, freezing mixtures, fertilizer; absorbent for nitrogen oxide. Grades—C.P.; tech.; cryst.; granulated.

●Pkg—100 lb. bags, bbls., 100, 325 lb. drums.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
H J Baker & Bro, 600 5 Ave, N Y 20
J T Baker Chem Co, Phillipsburg, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Elbert & Co, 2 Broadway, N Y 4
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
Republic Chem Corp, 94 Beekman St, N Y 38
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

AMMONIUM OLEATE (Ammonia Soap)

$NH_4C_{18}H_{33}O_2$. Yellow to brownish-colored paste. Sol. alcohol, ether. Gives off strong ammonia odor. Uses—as a detergent; solidifying alcohol.

●Pkg—100 lb. kit, 400 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

AMMONIUM OXALATE

$(NH_4)_2C_2O_4+H_2O$. Colorless crystalline. Sp. gr. 1.502. Decomp. on heating. Sol. water. Uses—mfr. oxalates, safety explosives; laboratory reagent. Grades—tech.; pure; C.P.

●Pkg—25, 50, 100, 240, 265 lb. drums, 100 lb. kegs, 300 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Sterone Corp, 250 W 57 St, N Y 19

AMMONIUM PERCHLORATE

$(NH_4)ClO_4$. White, solid crystalline. Sp. gr. 1.95. Decomp. on heating. Sol. water. Uses—mfr. explosive compositions, pyrotechnics; etching and engraving agent; laboratory reagent. Grades—tech.; C.P.

●Pkg—Bottles, 110, 200, 225, 550 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
Bergstrom Trading Co, 233 Broadway, N Y 7
City Chem Corp, 342 Madison Ave, N Y 17
Duff Chem Co, 342 Madison Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
*Mercer Chem Corp, 11 Mercer St, N Y 13
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

AMMONIUM PERSULFATE

$(NH_4)_2S_2O_8$. White, crystalline, granules or powd. Sp. gr. 1.982. Decomp. on heating. Sol. water. Uses—mfr. persulfates, aniline dyes; preserving food; fat and oil deodorant; oxidizing metals; electroplating metals; general bleaching and oxidizing agent; photographic reagent; bleaching soap oils; depolarizer in electric batteries; washing infected yeast; in medicine. Grades—tech.; pure; C.P.

●Pkg—100, 250 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bios Labs, 17 W 60 St, N Y 23
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
Dehls & Stein, 237 South St, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Joseph Turner & Co, Ridgefield, N J

AMMONIUM PHENOL SULFONATE (Ammonium Sulfocarbonate)

*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

AMMONIUM p-PHENOL SULFONATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

OXALATES
IRON & AMMONIUM OXALATE
★ ★ ★
IRON & POTASSIUM OXALATE
★ ★ ★
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★ ★ ★
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META CHEMICAL CORP.
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*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

MONSANTO
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MONO & DI BASIC AMMONIUM PHOSPHATES
Conform with requirements of Federal and State Pure Food Laws. For industrial and food purposes.
MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Mo.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO CHEMICALS – PLASTICS

AMMONIUM PHOSPHATES
Monoammonium Phosphate
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141 W. Jackson Blvd., Chicago 4, Ill.
Phone: HArrison 7-3541
VICTOR
Dependable Name in Chemicals for 56 Years

AMMONIUM PHOSPHATE, DI (Sec-Ammonium Phosphate, Hydrogen Diammonium Phosphate, Diammonium o-Phosphate)

$(NH_4)_2HPO_4$. White cryst. or powd. Sp. gr. 1.619. Sol. water; insol. alcohol. Uses—fertilizer; fireproofing textiles and wood; in medicine. Grades—C.P. pure; tech., powd., or grain.

●Pkg—100 lb. bags, 100, 150, 275, 300 lb. drums, 600 lb. bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
C B Coburn Co, 63 Market St, Lowell, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Elbert & Co, 2 Broadway, N Y 4
*International Commodities Corp, 11 Mercer St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

AMMONIUM PHOSPHATE, HEMIBASIC

$NH_4H^5(PO^4)_2$. White cryst.; sl. hygroscopic. Very sol. water. Decomp. in alcohol. Uses—pH adjustment; metal cleaning.

●Pkg—100 lb. bags, 100, 150, 275, 300 lb. drums, 600 lb. bbls.

C B Coburn Co, 63 Market St, Lowell, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
Elbert & Co, 2 Broadway, N Y 4
*International Commodities Corp, 11 Mercer St, N Y 13

AMMONIUM PHOSPHATE, MONO (Primary Ammonium Phosphate, Ammonium Biphosphate)

$NH_4H_2PO_4$. White powd. or colorless cryst. Sp. gr. 1.803. Sol. cold water. Uses—fertilizer; fireproofing textiles and wood; in medicine. Grades—C.P.; pure; tech.

●Pkg—100 lb. bags, 100, 150, 275, 300 lb. drums, 600 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*J M Baird Co, 254 W 31 St, N Y 1
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Elbert & Co, 2 Broadway, N Y 4
*International Commodities Corp, 11 Mercer St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

AMMONIUM PHOSPHATE PRIMARY see Ammonium Phosphate, Mono

Sec-AMMONIUM PHOSPHATE see Ammonium Phosphate (Di)

AMMONIUM PHOSPHATE, TRI (Neutral Ammonium Phosphate, Triammonium Phosphate)

$(NH_4)_3PO_43H_2O$. Colorless cryst. or white powd. Loses water on heating. Decomp. in air to $(NH^4)_2HPO_4$. Sol. water. Uses—fertilizer; fireproofing textiles and wood; in medicine. Grades—C.P.; pure; tech.

*J M Baird Co, 254 W 31 St, N Y 1
Duff Chem Co, 342 Madison Ave, N Y 17
Elbert & Co, 2 Broadway, N Y 4
*International Commodities Corp, 11 Mercer St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

AMMONIUM RICINOLEATE

$C_{17}H_{32}COONH_4$. White paste. Uses—a detergent; as an emulsifying agent. Grades—tech.

●Pkg—55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5

AMMONIUM SALICYLATE

$C_6H_3(OH)COONH_4$. M.W. 155.14. White, crystalline salt of monoclinic system. Sol. in water and alcohol. Uses—in medicine, as antipyretic and bactericide. Grades—U.S.P. XI.

●Pkg—5, 25 lb. cartons, 25, 50, 100 lb. drums, 200 lb. bbls.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Meta Chem Corp, 398 South St, Newark 5, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

AMMONIUM SILICOFLUORIDE

$(NH_4)_2SiFl_6$. M.W. 178.07. Sp. gr. 2.01. Colorless cryst. or white powd. Sol. water. Uses—disinfectant, antiseptic.

●Pkg—100, 200, 400 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Conray Products Co, 510 Ave of The Americas, N Y 11
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Philipp Bros Chem, 37 Wall St, N Y 5
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

AMMONIUM SILICO FLUORIDE
●
Mfrs. Sales Agents
HENRY SUNDHEIMER CO.
103 Park Ave. New York 17, N. Y.
Telephones:
MUrray Hill 5-4214; 4215

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SULPHATE OF AMMONIA
AMMONIA LIQUOR

BENZOL
Nitration
Ind. Pure
Ind. 90%
Thio-Free

TOLUOL
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XYLOL
Nitration
Five Degree
Ten Degree
Industrial

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TANKCARS
TANKWAGONS
DRUMS

Nitrogen Products, Inc.
National Bank Building
New Brunswick, New Jersey
CHarter 7-1118

Baker CHEMICAL

AMMONIUM SULFATE

Purified Granular

Assay $(NH_4)_2SO_4$
99.5% Min.

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

AMMONIUM STEARATE

$C_{17}H_{35}.COONH_4$. M.W. 301. White paste with milky color; ammonia oder. Uses—integral waterproofing agent for cements, concrete, stucco, etc. For the mfr. of water-repellant coatings for paper, textiles, rubber, etc.

● Pkg—50, 150 lb. drums, 55 gal. bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
R B Huber, 216 Tremont St, Boston 16, Mass
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

AMMONIUM SULFAMATE

$NH_4O\text{-}SO_2\text{-}NH_2$. M.W. 114.04. White, crystalline solid. M.P. 131°C. Sol. in water. Uses—flameproofing of textiles and paper stock.

● Pkg—50, 100 lb. drums, 350 lb. bbls.

Blos Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fine Organics, 211 E 19 St, N Y 3

AMMONIUM SULFATE

$(NH_4)_2SO_4$. M.W. 115.11. Brownish-gray to white cryst. Sp. gr. 1.7687. M.P. 513°C., d. Decomp. before it melts to certain extent. Complete decomposition at 300°C. Sol. water. Uses—mfr. candles, ammonia, electric batteries; fireproofing textiles, wood, etc.; fertilizer; soldering and galvanizing agent. Grades—C.P.; commercial.

● Pkg—100, 200 lb. bags; medicinal C.P.; 25, 50, 100, 300 lb. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20

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INORGANIC ACIDS

Sulphuric Acid 60°Be	Ammonium Sulfates Superphosphates
Sulphuric Acid 66°Be	Rubber Synthetic Yarns Leather Metal Pickling Petroleum Products
Oleum 20%	Dyes Insecticides Pigments • Synthetic Detergents
Oleum 40%	Explosives
Hydrofluosilicic 22% Hydrofluosilicic 25% Hydrofluosilicic 26-28%	Wood Preservation Pigments • Electrolyte Ceramics Beverage Industry

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For further information, write

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THE DAVISON CHEMICAL CORPORATION
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AMMONIUM PHOSPHATE
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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal
Chematar, Inc, 40 Exchange Pl, N Y 5
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Consumers Products Co, 99 Hudson St, N Y 13
Croton Chem Corp, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Duff Chem Co, 342 Madison Ave, N Y 17
Elbert & Co, 2 Broadway, N Y 4
Esor Chem Co, 205 E 42 St, N Y
*General Chem Div, 40 Rector St, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Inland Steel Co, 38 S Dearborn St, Chicago 3, Ill
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
*International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y 38
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Gran Bldg, Pittsburgh 19, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*White Cross Labs, 79 Wall St, N Y

AMMONIUM SULFIDE (Ammonium Hydrogen Sulfide, Ammonium Hydrosulfide)

$(NH_4)HS$. True ammonium sulfide is stable only below 0°C. and has the formula $(NH_4)_2S$. Article of commerce, usually yellowish cryst. Sol. water, alcohol, alkalies. Uses—mfr. photographic developers; finishing fabrics, laboratory reagent; for coloring brass, bronze, copper; denitrating nitrocellulose to produce "oxidized silverware." Must not be exposed. Grades—tech.; C.P.
● Pkg—450 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Chemical Products Corp, Cartersville, Pa
*General Chem Div, 40 Rector St, N Y 6
*Halby Chem Co, Terminal Ave, P O Box 366, Wilmington 99, Del
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, Huntington, W Va

AMMONIUM SULFOCARBOLATE see Ammonium Phenolsulfonate (Also See Ad on this Page)

AMMONIUM SULFITE

$(NH_4)_2SO_3 + H_2O$. Colorless, deliq. cryst. Sp. gr. 1.41 (25°C.). Sol. water when alkaline. Sublimes at high temp. Uses—mfr. intermediates; as reducing agent; in medicine. Should be kept well-stoppered.
● Pkg—25, 100, 175 lb. drums.

*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

AMMONIUM SULPHATE
DDT TECHNICAL
DDT FORMULATIONS
DD SOIL FUMIGANT
ETHYLENE DIBROMIDE
PARATHION TECHNICAL & FORMULATIONS
SODIUM TRICHLOROACETATE
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AMMONIUM SALICYLATE
SALICYLAMIDE
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NEW YORK 3, N. Y.

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(VACUUM DISTILLED THIOGLYCOLIC ACID)

CALCIUM THIOGLYCOLATE

SODIUM THIOGLYCOLATE

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THIOVANOL
(VACUUM DISTILLED MONOTHIOGLYCEROL)

EVANACID 3CS
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New York 17, N.Y.

Baker CHEMICAL

AMMONIUM THIOCYANATE
Reagent • Purified • Tech.

SODIUM THIOCYANATE
Reagent • N. F. • Tech.

POTASSIUM THIOCYANATE
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CALCIUM THIOCYANATE
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AMMONIUM SULFOCYANIDE see Ammonium Thiocyanate

AMMONIUM SULFOCYANIDE RHODANIDE see Ammonium Thiocyanate

AMMONIUM SULFORICINOLEATE

Clear amber liq. Uses—blended with paraffin oil to produce emulsion type furniture polish.
● Pkg—400 lb. bbls.

*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

AMMONIUM TARTRATE

$COONH_4.CHOH.CHOH.COONH_4$. M.P. 184.13. Colorless cryst. Sol. water.
● Pkg—100, 200 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

AMMONIUM THIOCYANATE (Ammonium Sulfocyanide Rhodanide)

NH_4SCN. Colorless, solid, deliq. crystalline. Sp. gr. 1.3057. M.P. 159°C. Decomp. at 170°C. Sol. water, alcohol. Uses—mfr. freezing solutions, cyanides and ferro-cyanides, thiourea, fertilizer; for coating zinc; as laboratory and photographic reagent; dyeing and printing textiles; increasing strength of weighted silks. Grades—C.P.; tech.; recrystallized.
● Pkg—50, 100 lb. bags, 100, 200 lb. bbls., 25, 100, 170 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Halby Chem Co, Terminal Ave, P O Box 366, Wilmington 99, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J

AMMONIUM THIOGLYCOLATE

$HSCH_2COONH_4$. M.W. 109.15. White crystalline powd.; Sl. ammoniacal odor. Sol. in Water. Uses—cold permanent waving solutions.
● Pkg—1, 6½, 13 gal. carboys.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bios Labs, 17 W 60 St, N Y 23
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Edwal Labs, Ringwood, Ill
*Evans Chemetics, 250 E 43 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Halby Products Co, Terminal Ave, P O Box 366, Wilmington 99, Del
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Rosenthal Bercow Co, 25 E 26 St, N Y
*Summit Chem Products Corp, 11 William St, Belleville 9, N J

AMMONIUM THIOSULFATE

$(NH_4)_2S_2O_3$. M.W. 148.21. Colorless cryst. Very sol. water; insol. alcohol, ether. Uses—photographic fixing agents, cleaning metals.
● Pkg—1, 5 lb. bottles, 25, 50, 100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George J Wiesner Co, 150 Nassau St, N Y 38

AMMONIUM VALERATE

$NH_4C_5H_9O$. Colorless or white cryst. Nauseating odor. Uses—medicinal.

Bios Labs, 17 W 60 St, N Y 23
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

AMMONIUM VANADATE

NH_4VO_3. White to yellowish crystalline powd. Sp. gr. 2.326. Decomp. at 210°C. Sol. water. Uses—mfr. vanadates, writing and printing inks, paint and varnish driers; mordant in dyeing and printing; to produce vanadium lustre on pottery.

Bios Labs, 17 W 60 St, N Y 23
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Varlacoid Chem Co, 116 Broad St, N Y 4

AMMONIUM m-VANADATE

● Pkg—13 gal. drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Varlacoid Chem Co, 116 Broad St, N Y 4

AMPHETAMINE

$C_9H_{13}N$. M.W. 135.23. Colorless liq., sharp ammoniacal odor. B.P. 200°C. Sl. sol. water; sol. alcohol, ether. Uses—in medicine as vaso-constrictor.
● Pkg—Bottles.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Fisher Chem Co, 220 E 42 St, N Y 17
*Gane & Ingram, 43 W 16 St, N Y 11
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Lack Chem Co, 19 Park Pl, N Y 7
McKesson & Robbins, 155 E 44 St, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
*Meta Chem Corp, 398 South St, Newark 5, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Frank Samuel & Co, 24 State St, N Y 4
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Simpson Labs Div, 120 Wall St, N Y 5
*Sterone Corp, 250 W 57 St, N Y 19
*Sumner Chem Co, 6 E 45 St, N Y 17

AMPHIBOLE see Asbestos

AMYL ACETATE (Banana Oil, Amylacetic Ester, Isoamyl Acetate, Pear Oil, Pentyl Acetate)

$CH_3CO_2C_5H_{11}$. M.W. 130.11. Colorless liq. banana or pear odor. Sp. gr. 0.866-0.869 (15°C). M.P. 75°C. B.P. 147.6°C. Sol. alcohol, ether. Very sl. sol. water. Uses—mfr. gun-cotton, smokeless powd., fruit

KOPPERS AMMONIUM THIOCYANATE
is available in a moisture-proof package

● Kegs and barrels are lined with polyethylene plastic. This tough lining prevents water absorption . . . keeps ammonium thiocyanate dry.

KOPPERS COMPANY, INC.
Tar Products Division
PITTSBURGH 19, PA.

KOPPERS

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

flavors, soft drinks, food preps., confectionery, artificial leather, artificial pearls, fireproofing and waterproofing compositions, lacquers, waterproofing varnishes, bronzing liq., celluloid, collodium, photographic films, camphor; as solvent in making nitrocellulose; solvent in making rayons; perfume and soap solvents; combustible in standard photo-metric lamp; photo-engraving; linoleum and oil-cloth; dyeing, printing and finishing textiles. Grades—pure, from pentane; tech.
● Pkg—1 gal. bottles, 1, 5, 30, 54 gal. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Allied Industrial Products Co, 225 W 34 St, N Y 1
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar, Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
Doe & Ingalls, 56 Garden St, Everett 49, Mass
P R Dreyer, 113 W 19 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Sharples Chem, 123 S Broad St, Phila 9 Pa
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

sec.-AMYL ACETATE

$CH_3COOC_5H_{11}$. Water-white liq. Sp. gr. 20°/20°C. 0.862-0.866. Wt. per gal. at 20°C 7.19 lb. Fire hazard—combustible but not inflammable; flash point over 80°F. Uses—as a medium boiling solvent; as a nitrocellulose solvent; in mfr. of airplane dopes, artificial leather; artificial pearl, automobile polishes, celluloid products, cements, coated paper, lacquers, leather finishes, linoleum, nail enamels, patent leather, plastic wood, textile compounds, washable wall paper.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

AMYLACETIC ESTER see Amyl Acetate

AMYLAMINE

$C_5H_{11}NH_2$. Uses—pharmaceuticals, dyestuffs, rubber accelerators, antioxidants, emulsifying agents, desizing agents for textiles, corrosion inhibitor.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

AMYL BENZOATE

$C_6H_5COOC_5H_{11}$. Colorless liq. Uses—perfumery.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

AMYL BROMIDE, ISO

$(CH_3)_2(CH_2)_2Br$. Colorless liq. Sp. gr. 1.219. B.P. 120-120.6°C. Insol. water; sol. alcohol, ether. Uses—organic synthesis, pharmaceuticals. Grades—pure; tech.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn

n-AMYL BROMIDE (n-Bromopentane)

$CH_3(CH_2)_4Br$. Colorless liq. B.P. 127.9°C. Sp. gr. 1.223. Insil. water; sil. alcohol, ether. Uses—organic synthesis, pharmaceuticals. Grades—pure; tech.
● Pkg—5, 13 gal. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

AMYL BUTYRATE (Isoamyl Butyrate, Isoamylbutyric Ester)

$CH_3(CH_2)_2COOC_5H_{11}$. Colorless liq. Sp. gr. 0.850-0.860 (15°C). M.P. 168.8°C. If pure. Sol. alcohol, ether; sol. water. Uses—mfr. intermediates organic chemicals, flavoring extracts, liqueurs. Grades—pure tech.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

AMYL CAPROATE

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Polak's Frutal Works, Middletown, N Y

n-AMYL CHLORIDE (1-Chloropentane)

$C_5H_{11}Cl$. M.W. 106.6 Sweet, colorless liq. Insol. water. Uses—sources of n-Amyl group, pharmaceutical intermediate.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

Quality Fine Chemicals

Ammonium Thiosulfate
(Crystals and 60% solution)
The ammonium equivalent of hypo—more soluble and more reactive. Working ingredient in rapid photographic fixers; brightener in heavy silver plating baths; proposed for wood treatment, manufacture of cellulose esters.

Benzotriazole
(Photographic and Technical)
Photographic restrainer for high contrast work; corrosion inhibitor; should be valuable as antioxidant and intermediate.

The Ringwood Chemical Corporation manufactures organic chemicals of high purity and formulates chemical specialties.
Take advantage of Ringwood facilities for the confidential manufacture of intermediates and specialties for the chemical processing industries.

RINGWOOD
CHEMICAL CORPORATION
Makers of Edwal Quality Chemicals
RINGWOOD, ILLINOIS

AMYL ACETATE
AMYL ALCOHOLS

DeMert & Dougherty, Inc.
3001 W. 47th St., Chicago 32, Ill.
Lafayette 3-5600
1600 Clark Ave., St. Louis 3, Mo. Garfield 3900
223 East Detroit St., Milwaukee 2, Wisc. Broadway 2-6390

PENT-ACETATE
AMYL ACETATE
SHARPLES TRADE MARK CHEMICALS
Sharples Chemicals Inc.
PHILADELPHIA
CHICAGO
NEW YORK

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section



tert.-AMYL CHLORIDE

$C_5H_{11}Cl$. M.W. 106.6. Sweet odorless liq. B.P. 85°C. Insol. water. Uses—organic syntheses.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

AMYL CHLORIDE, ISO

$CH_3.CH_2.CH_2.CH_2.Cl$. Colorless or straw color liq. Sp. gr. (20°C). 0.885. Sol alcohol, ether. Wt. per gal. 7.38 lbs. Uses—solvent in nitrocellulose, varnishes, lacquers, chemicals, plastics; miscellaneous solvent; in waterproofing textiles.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

AMYL CHLORIDES, MIXED

$C_5H_{11}Cl$. M.W. 106.58. Straw to deep purple color. Sp. gr. 0.88. Uses—synthesis of other "amyl" compounds; solvent.

● Pkg—5, 55 gal. drums.

*Sharples Chem, 123 S Broad St, Phila 9, Pa

a-AMYL CINNAMIC ALDEHYDE

Clear yellow, oily liq. Jasmin-like odor. Aldehyde content 99-100%. Sp. gr. 0.968-0.973 (15°C); B.R. 116°-120°C (1.5 mm). Uses—perfumery.

● Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*van Amerinqen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

AMYL 2,4-DICHLOROPHENOXYACETATE

Colorless liq. containing equivalent of approx. 76% of 2,4-D acid. Insol. water; sol. alcohol, kerosene, diesel oil, aromatic petroleum fractions. Uses—for formulation in weed killers.

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo

AMYL FORMATE (Isoamyl Formate, -n Formic Ester)

$H.COO.C_5H_{11}$. M.W. 116.13. Made by treating isoamyl alcohol with formic acid. Has plum smell and is almost water-white. Sp. gr. 0.871 (0.°C). B.P. 123.3-125°C. Ester value 483.8. Miscible in alcohol or ether, very sl. in water. Uses—as a pyroxylin solvent; perfuming leather.

● Pkg—Custom packed.

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y

AMYLHYDRIDE see Pentane

AMYLHYDROXIDE see Alcohol, n-Amyl

AMYL IODIDE, ISO (Iso-Iodopentane)

$(CH_3)_2CH(CH_2)_2I$. M.W. 198.02. Colorless liq. Sp. gr. 1.510. B.P. 148°C. Insol. water; sol. alcohol, ether. Uses—organic synthesis, pharmaceuticals. Grades—pure, tech.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J

AMYL LAURATE

$C_{11}H_{23}COOHC_5H_{11}$. Sp. gr. 0.860 at 20°C. B.R. 290-330°C.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y

AMYL MERCAPTAN (Pentanethiol)

$C_5H_{11}SH$. M.W. 104.14. Dist. Range, 80-125°C. Sp. gr. 0.8248 (20°C). Vapor Pressure 29 mm (22°C). Viscosity 0.005566 Poise (20°C). Refractive Index 1.4006 (20°C). Surface Tension 25.7 Dynes/cm. (13° C). Spec. Heat at room temp., 0.48 cal/gram. Heat of vap., 78 cal./gram. Coeff. of Exp., 0.00110 (20-60° C). Available commercially as a mixture of its various isomers. Uses—as a stench; as a flotation reagent; starting point in organic syntheses.

● Pkg—5, 55 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa



tert.-AMYL MERCAPTAN

$C_5H_{11}SH$. M.W. 104.36. B.R. 96-121°C. Uses—chemical intermediate.

● Pkg—Quart, 1 gal. bottles 5 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Sharples Chem, 123 S Broad St, Phila 9, Pa

AMYL MYRISTATE

*Bios Labs, 17 W 60 St, N Y 23

AMYL NAPTHALENES, MIXED

Refined: Yellow to brown viscous oily liq. Sp. gr. at 20°C 0.94-0.96. Distillation—initial B.P. not below 288°C; 95% distils below 362°C; final B.P. not above 367°C. Wt. per gal. 7.90 lbs. A distilled mixture of monoamyl diamyl naphthalenes, each containing the amyl group in its isomeric forms; are alkylated aromatic hydrocarbons not affected under ordinary conditions by water or dilute acids or alkalies. Uses—high-boiling solvent and plasticizers for synth. resins and asphaltic materials; in mfr. of certain types of inks and vitrifiable colors; as a medium for constant temp. baths; coupling agent for certain vegetable and mineral oils; in mfr. of chemicals for the textile industry.

● Pkg—5, 55 gal. drums.

*Sharples Chem, 123 S Broad St, Phila 9, Pa

AMYL NITRATE

*Bios Labs, 17 W 60 St, N Y 23
*Ethyl Corp, 100 Park Ave, N Y 17

AMYL OLEATE

$C_{17}H_{33}COOC_5H_{11}$. M.W. 352.34. Sp. gr. 0.862. B.R. 253-272°C. M.P. 6.0°C. Water-white, faint fruity odor.

*Bios Labs, 17 W 60 St, N Y 23
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

AMYL PHENOL (l-Amyl-p-Phenol, l-Amyl-4-Hydroxy-Benzene)

$C_5H_{11}C_6H_4OH$. M.W. 164.18. White needles. Sl. sol. water; sol. alcohol, ether. Uses—in the mfr. of synth. resins, and for varnishes and antiseptic emulsions.

● Pkg—5, 55 gal. drums.

Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Sharples Chem, 123 S Broad St, Phila 9, Pa

o-AMYL PHENOL

$C_5H_{11}C_6H_4OH$. M.W. 164.12. Color—pale yellow. Sp. gr. at 30°C 0.96-0.97. Distillation—initial B.P. not below 223°C; final B.P. not above 245°C. Flash point 219°F. Wt. per gal. 8.12 lbs. Uses—anti-skinning agent for paints, varnishes and oleoresinous enamels.

● Pkg—5, 55 gal. drums.

Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
*Sharples Chem, 123 S Broad St, Phila 9, Pa

p-sec.-AMYL PHENOL

$C_5H_{11}C_6H_4OH$. M.W. 164.2. Light straw solid. Uses—organic synthesis.

● Pkg—5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

p-tert.-AMYL PHENOL

$C_5H_{11}C_6H_4OH$. Sp. gr. 0.91-0.94 (95°C.). M.W. 164. Softening Point not less than 80°C. Final M.P. not less that 88°C. Distillation 90% bet. 250-265°C. Solubility—sol. 10% aqueous KOH. F.P. 256°F. Insol. water; readily sol. most organic solvents. Impurities—non-volatile matter, not over 0.001%. Free phenol, less than 0.1%. Very small amounts of amyl phenyl ethers and secondary amyl phenol. Uses—mfr. oil sol. varnish resins of phenol-formaldehyde type.

● Pkg—100 lb. cartons.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

AMYL PHOSPHATE

$C_5H_{11}.H_3PO_4$. Syrupy liq. Uses—solvent, plasticizer.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

AMYL PROPIONATE

$CH_3.CH_2CO_2C_5H_{11}$. Water-white liq. Sp. gr. 0.862-0.866 at 20°/20°C. Wt. per gal., 7.19 lbs. at 20°C. B.P. 160°C. Uses—solvent for nitrocellulose where high-boiling solvent is desirable; in brushing lacquers.

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

AMYL SALICYLATE

$HOC_6H_4CO_2C_5H_{11}$. M.W. 208.12. Colorless liq. with odor of orchids or clover. Sp. gr. 1.065 (15°C). B.P. 265°C. Ester Value 269.9. Optical rotation to 0.2°C. Refractive index 1.505-1.507. Made by adding sulfuric to mixture of isomyl alcohol, salicylic acid and final distillation. Sol. very sl. in water; miscible in alcohol, ether, chloroform. Uses—as perfume base; in soap mfr.; in medicine. Grades—pure; tech.
● Pkg—Custom packed.

*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Polak & Schwarz, 667 Washington St, N Y 14
*Simpson Labs Div, 120 Wall St, N Y 5

AMYL STEARATE

$C_{17}H_{35}COOC_5H_{11}$. Pale yellow liq. Distillation, 100% between 230-270°C at 30 mm. Sp. gr. (20°C) 0.856 to 0.864. M.P. 15°C. Acidity as stearic acid—not over 2%. Wt. per gal. 7.16 lbs. Uses—where a high boiling inert plasticizer is desired; as a cellulose ester solvent and plasticizer.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

AMYL TRICHLOROSILANE

● Pkg—1, 4, 9 lb. bottles, drums.

J M Baird Co, 254 W 31 St, N Y 1
*Linde Air Products Co Div, 30 E 42 St, N Y 17

AMYL TRIETHOXYSILANE

● Pkg—1, 3, 7 lb. bottles, drums.

J M Baird Co, 254 W 31 St, N Y 1
*Linde Air Products Co Div, 30 E 42 St, N Y 17

AMYLASE see Diastase

AMYLENE HYDRATE see Alcohol, tert-Amyl

AMYLIN see Dextrin

AMYLUM MARANTA see Starch, Corn

ANAESTHESIN see Ethyl p-Aminobenzoate

ANETHOL

$C_6H_4C_3H_4(OCH_3)$ Colorless, crystalline mass, liq. at ordinary temperatures. M.P. 21-22°C. B.P. 232-234°C. Uses—perfumery, flavoring.
● Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Bios Labs, 17 W 60 St, N Y 23
*Crosby Chem, P O Box 32, De Ridder, La
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
*Newport Industries, 230 Park Ave, N Y 17
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
G A Wharry Co, 95 Broad St, N Y 4
*White Cross Labs, 79 Wall St, N Y

ANGLESITE PLUMBOUS SULFATE see Lead Sulfate, Basic

ANIDOL see Diaminophenol Hydrochloride

ANILINE (Aniline Oil, Aminobenzene, Phenylamine, Aminophen, Cyanol, Benzidam)

$C_6H_5NH_2$. Colorless liq. Sp. gr. 1.026-1.027 (15°C). B.P. 184.4°C Sol. alcohol, ether; sl. sol. water. Uses—mfr. derivatives, intermediates, synth. perfumes, pharmaceuticals, salvarsan, toluidine, acetanilide, aniline colors, aniline salts, paint and varnish, azo dyes, tetranitroaniline, blueprint papers; as stabilizer in gun powd.; germicide; vulcanization accelerator; assist in dyeing and calico printing. Poisonous, inflammable. Grades—C.P.; pure; commercial.
● Pkg—175, 450 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Calco Chem Div, Bound Brook, N J
Ciba Co, 627 Greenwich St, N Y 14
Distillation Products Industries, 795 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Kingston Chem Co, 15 William St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

ANILINE ACETATE

*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W. Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ANILINE CHLORIDE see Aniline Salt

ANILINE HYDROCHLORIDE see Aniline Salt

ANILINE SALT (Aniline Chloride, Aniline Hydrochloride)

$C_6H_5NH_2HCl$. White crystalline plates. Sp. gr. 1.2215 (4°C). M.P. 198°C. B.P. 245°C. Sol. alcohol, ether, water. Uses—mfr. dyes, intermediates; dyeing and printing fabrics with aniline black. Grades—tech.; C.P.
● Pkg—200 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Barclay Chem Co, 75 Varick St, N Y 13
*Calco Chem Div, Bound Brook, N J
Ciba Co, 627 Greenwich St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Kingston Chem Co, 15 William St, N Y 5
Legion Chem, 70 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

ANILINE SULFATE

$(C_6H_5NH_2)_2H_2SO_4$. White crystalline amorp. powd. Sp. gr. 1.337. Sol. water; sl. sol. alcohol; insol. ether. Uses—mfr. aniline black; as reagent for detecting wood-coloring textiles; in medicine. Grades—C.P.; tech.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ANILINE YELLOW see Aminoazobenzene

ANIMAL CHARCOAL see Bone Black

ANIME see Gum, Copal

ANISIC ALDEHYDE (Anise Aldehyde, p-Methoxybenzaldehyde Aubepine, p-Anisaldehyde)

$CH_3OC_6H_4CHO$. M.W. 136.06. Colorless oily liq. aromatic odor. B.P. 248°C. M.P. 0°. Volatile in steam. Sl. sol. water; miscible alcohol, ether. Uses—perfumery & toilet soaps.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 677 Washington St, N Y 14
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

o-ANISIDINE (o-Methylaminophenol)

$C_6H_4(OCH_3)(NH_2)$. M.W. 123.08. Yellowish liq. becoming brown on exposure. Sp. gr. 1.098 (15°C). M.P. 5.2°. B.P. 224°C. Sol. alcohol, dilute mineral acid, ether; very slightly sol. water. Uses—mfr. azo dyes, azo cochineal, azoeosine, guaiacol. Grades—tech.; 99%.
● Pkg—495, 800 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

p-ANISIDINE

● Pkg—200 lb. tins, 450, 800 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Frank Samuel & Co, 24 State St, N Y 4
Sterone Corp, 250 W 57 St, N Y 19

ANISOLE (Methyl Phenyl Ether)

$CH_3O(C_6H_5)$. M.W. 108. Colorless liq. B.P. 155°C. F.P. —37.5°C. Uses—intermediate in mfr. of pharmaceuticals, dyestuffs; perfume base; solvent.
● Pkg.—Drums.

*Alrose Chem Co, Box 1294, Providence 1, R I
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fine Organics, 211 E 19 St, N Y 3
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ANISOYL CHLORIDE

$CH_3OC_6H_4COCl$. M.W. 170.6. Amber-colored liq. B.P. 263°C with sl. decomp. Insol. water (decomp.); sol. organic solvents; decomp. ethanol. Uses—raw material for the prep. of dyes and medicine.
● Pkg—500 lb. drums

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ANNATTO (Arnatto, Annotta, Arnotta, Orleana, Roucou, Bixine, Butter Color)

Vegetable dye containing bixin. Habitat—S. America, West Indies. Natural product. Uses—coloring butter, cheese, oils, food preps., wood stains, silk and cotton dye. Grades—tech.; Brazilian; French; Spanish.

O J Weeks Co, 44 N Moore St, N Y 13

ANNIDALIN see Thymol Iodide

ANNOTTA see Annatto

ANTACIDIN see Calcium d-Saccharate

ANTHION see Potassium Persulfate

ANTHRACENE (Anthracene Oil, Anthracin Green Oil, Paranaphthalene)

$C_6H_4(CH)_2C_6H_4$. M.W. 178.08. Yellowish with blue fluorescence crystalline powd. Sp. gr. 1.25. M.P. 218°C. B.P. 342°C. Sol. alcohol, ether, benzene, carbon bisulfide, chloroform. Uses—mfr. phenanthrene, carbazol, anthraquinone, intermediates, alizarin and aniline colors, color lights and signal rockets; in calico printing. Grades—commercial (30-90%).
● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*L & R Organic Products Co, 50 White St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SILICONE ANTIFOAM A

Dow Corning Antifoam A is a silicone compound used to control foam in a wide variety of aqueous and nonaqueous systems. It is effective during steam distillation or vacuum concentration. Tests show it is physiologically harmless. Effective concentrations range from 20 to 200 parts per million. Hence, there is little danger of product contamination.

Dow Corning Antifoam A compound can be used as received, mixed with one of the foaming ingredients or dispersed in such solvents as ethyl ether, gasoline, 2 ethyl hexanol, methylene chloride, pine oil and tetrachlorethylene for industrial applications. Controls foaming of adhesives, synthetic rubber, caustic liquor, varnishes, soap, wine and many other products.

Equally versatile and more easily dispersed, Dow Corning Antifoam AF Emulsion is a water dilutable defoamer containing 30% Antifoam A solids. Originally designed for use in the food processing industries, Dow Corning Antifoam AF Emulsion has a wide field of industrial usefulness.

DOW CORNING SILICONES

DOW CORNING CORP. MIDLAND, MICHIGAN

ANTHRAQUINONE (Diphenyleneketone, Dyhydrodiketoanthracene)

$C_6H_4(CO)_2C_6H_4$. Yellow needles. Sp. gr. 1.419-1.438. M.P. 284.65°C. B.P. 382°C. Only sl. sol. alcohol, ether; more sol. in hot benzene; insol. water. Uses—mfr. derivatives, alizarin, quinazarin and purpurin dyes. Grades—sublimed; tech.; 30% paste (sold on 100% basis).

● Pkg—250 lb. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 S Ave, N Y 20
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*L & R Organic Products Co, 50 White St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

ANTHRONE

● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Biochem Co, 3106 W Lake St, Chicago 12, Ill

ANTI-CAKING AIDS

Products which are added to various materials to keep hydroscopic materials free flowing.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Atlas Powder Co, Wilmington 99, Del
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17

ANTI-CARBONIZING COMPOUNDS

Preps. used to cover tools, machinery parts, etc., to protect them when being subjected to carbonizing treatment to increase the hardness.

*Cole Labs, 42-25 9 St, L I C 1, N Y
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Perolin Co, 10 E 40 St, N Y 16
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y

ANTI-CORROSION AGENTS (Brine)

Compounds specially formulated for removing rust and scale in the coils of ammonia-sodium chloride or calcium chloride refrigerating systems.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Airose Chem Co, Box 1294, Providence 1, R I
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Feedwaters Inc, 140 Cedar St, N Y 6
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Harsyd Chem, 397 W 21 St, Holland, Mich
Heyden Chem Corp, 342 Madison Ave, N Y 17
*Industrial Lining Engrs, 3527 Smaliman St, Pittsburgh 1, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*M C Supply Co, Box 321, Muskegon, Mich
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Perolin Co, 10 E 40 St, N Y 16
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5 ,Pa.
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11 Ky
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tide Water Associated Oil Co, Western Div, 79 New Montoomery St, San Francisco 20, Cal
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Warwick Chem Co, 1010 44 Ave, L I C 1, N Y
*Wasco Engrg Corp, 601 W 26 St, N Y 1
*Witco Chem Co, 260 Madison Ave, N Y 16

ANTI-FELTING AGENTS

Products to minimize the felting of worsted materials and woolens, both piece goods and hanks, especially when chrome dyes are employed.

*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

ANTI-FLOODING AGENTS, PAINTS

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
*Dow Corning Corp, Midland, Mich
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Howe & French, 99 Broad St, Boston, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Superior Materials, 120 Liberty St, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

ANTI-FOAMING CHEMICALS, SILICONE

*Anderson Labs, Weston, Mich
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Dow Corning Corp, Midland, Mich
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Elec, Chem Div, Pittsfield, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

ANTI-FOAMING COMPOUNDS

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
W W Angus, 220 Broadway, N Y 38
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Feedwaters, Inc, 140 Cedar St, N Y 6
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Henley & Co, 801 2 Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Mearl Corp, 153 Waverly Pl, N Y 14
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canal Ave, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*Sindar Corp, 330 W 42 St, N Y 36
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Superior Materials, 120 Liberty St, N Y 6
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

ANTI-FREEZE, ALCOHOL

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemical Supply Co, 217-302 Railroad St, Neenah, Wis
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cliffe Dow Chem Co, Wright St, Marquette, Mich
C B Coburn Co, 63 Market St, Lowell, Mass
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*William S Gray & Co, 342 Madison Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Philip A Houghton, 30 Huntington Ave, Boston 16, Mass
Howe & French, 99 Broad St, Boston, Mass
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Randall Products Mfg Co, 2095 Broadway, N Y 23
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Frank Samuel & Co, 24 State St, N Y 4
*Schenley Distillers, 350 5 Ave, N Y 1
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Paterson, N J
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Sinclair Refining Co, 600 5 Ave, N Y 20
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ANTI-FREEZE, GLYCOL

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Genesee Research Corp, 961 Lvell Ave, Rochester 6, N Y
*Philip A Houghton, 30 Huntington Ave, Boston 16, Mass
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Legion Chem, 70 Wall St, N Y 5
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave. N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Randall Products Mfg Co, 2095 Broadway, N Y 23
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Patterson, N J
Sinclair Refining Co, 600 5 Ave, N Y 20
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
Tobey Chem Co, 1472 Broadway, N Y 36
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ANTI-FREEZE, MASONRY

Compounds added to concrete, mortar, etc., to accelerate the setting of the batch in cold weather, quantity used being dependent upon the temp. at which the work is being done.

*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

ANTI-FROTHING AGENTS, PAPER

Products which are added in the beaters to prevent froth from forming, insuring a finished paper free from unevenness. Anti-froth oils, such as pine oil, sulfonated castor oil, etc., are used to eliminate foaming of the coating mixture, thereby preventing pin-holes in the coating.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Jacques Wolf & Co, Passaic, N J

ANTI-FROTHING AGENTS, TEXTILE

Prods. which prevent or reduce foaming in connection with the application of textile sizes and finishes, thereby improving the appearance, wearing qualities, etc., of the finished materials.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Aml Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

LEAD

PURE LEAD
99.9% + PURITY
★
CAULKING LEAD
★
ANTIMONIAL LEAD
(in pig form only)
★
Purchasers of scrap battery plates, drosses and all lead-bearing scrap.

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GOLDSMITH BROS.
SMELTING & REFINING CO.
111 N. WABASH AVE., CHICAGO • 74 W. 47th ST., N. Y.
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Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J

ANTI-HISTAMINE DRUGS

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
*Bristol Labs, 630 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*Nepera International Corp, 37 Wall St, N Y 5
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Schering Corp, 2 Broad St, Bloomfield, N J
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ANTIMONIAL LEAD (Hard Lead)

An alloy of 15 parts of antimony and 85 parts lead. Uses—of particular value in chemical industry due to its resistance to the action of sulfuric acid; mfr. type metal.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Charles Gitlan & Co, 25 Beaver St, N Y 4
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
International Selling Corp, 122 E 42 St, N Y 17
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MANUFACTURERS OF

ANTIMONY OXIDE

•

POTASSIUM PYROANTIMONATE

•

ANTIMONY OXYCHLORIDE



METAL & THERMIT CORPORATION

100 EAST 42nd STREET

NEW YORK 17, N. Y.

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BELGIAN ANTIMONY

Best Quality

WHITE OXIDE

99½% SOLUBLE

"ANTIOX BLUE STAR" brand for enameling purposes

"ANTIOX WHITE STAR" brand for pigment purposes

ANTIMONY REGULUS (METALLIC)

C.M.C. 99% pure, max. .10% As.

C.M.C. 99.60% pure, minimum, .05% As. max.

ANTIMONY SULPHIDE 70%

Lumps and Powdered, 200 mesh also

POWDERED METALLIC ANTIMONY

130 mesh

Charles Gitlan & Co., Inc.

Exclusive Agents

25 Beaver St., N. Y. C.

Digby 4-3058

Est. 1920

ANTIMONIC SULFIDE see Antimony Sulfide (Golden)

ANTIMONINE see Antimony Lactate

ANTIMONIOUS BROMIDE see Antimony Tribromide

ANTIMONIOUS CHLORIDE see Antimony Trichloride

ANTIMONITE see Antimony Sulfide

ANTIMONOUS SULFATE see Antimony Sulfate

ANTIMONOUS SULFIDE see Antimony Sulfide

ANTIMONY BLACK see Antimony Sulfide

ANTIMONY BLOOM see Antimony Oxide

ANTIMONY CHLORIDE

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Merck & Co, Rahway, N J

ANTIMONY FLUORIDE (Antimony Trifluoride)

SbF_3. Grayish to white, hygroscopic cryst. M.P. 292°C. Sp. gr. 4.579. Sol. water. Uses—mfr. porcelains, pottery; in dyeing.

*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

ANTIMONY GLANCE see Antimony Sulfide

ANTIMONY GRAY see Antimony Sulfide

ANTIMONY LACTATE (Antimonine)

$Sb(C_3H_5O_3)_3$. Yellow, crystalline. Sol. water. Uses—mordant in dyeing and printing textiles. Grades—tech.

● Pkg—500 lb. bbls.

*Apex Chem Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio

ANTIMONY, METAL (Antimony Regulus, Stibium)

Sb. Gray, solid metal. Sp. gr. 6.67. M.P. 630°C. B.P. 1440°C. Insol. water, HCl or H_2SO_4. Uses—mfr. antimony salts, fireworks, pigments, dental and metal alloys; coating metals. Grades—tech.; lump, ground, powdered (needle powd.).

● Pkg.—224 lb. cases.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Charles Gitlan & Co, 25 Beaver St, N Y 4
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
*National Lead Co, 111 Broadway, N Y 6
Nopel Corp, 2 Broadway, N Y 4
*Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

ANTIMONY OXIDE (Antimony Trioxide, Anhydrous Antimonous or Stibious Acid, Flowers of Antimony, Antimony Bloom)

Sb_2O_3. M.W. 291.52. White, odorless, tasteless, crystalline powd. Sp. gr. 5.2 Melts at red heat. M.P. 656°C. B.P. 1550°C. Sol. acids. Uses—mfr. antimony salts, enamels for cast iron; paint pigments; tartar emetic; decolorizing and refining glass; mordant in dyeing and printing textiles; producing blacks on cadmium and zinc; in medicine. Grades—tech.; C.P.; U.S.P.; N.F. (97% trioxide).

● Pkg—50, 100 lb. bags, 500 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
De Bear Inc, 636 11 Ave, N Y 36
European Chem Co, 366 Broadway, N Y 13
Charles Gitlan & Co, 25 Beaver St, N Y 4
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
McKesson & Robbins, 155 E 44 St, N Y 17
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*National Lead Co, 111 Broadway, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ANTIMONY PENTACHLORIDE (Antimony Perchloride)

$SbCl_5$. Yellow liq. M.W. 299.05. Sp. gr. 2.346. M.P. 2.8°C. B.P. 140°C. Sol. hydrochloric acid; decomp. water, alcohol. Uses—chlorinating agent in making intermediates, organic chemicals, synth. dyestuffs.

● Pkg—Custom packed.

*Barium & Chem, Willoughby, Ohio
Charles Gitlan & Co, 25 Beaver St, N Y 4
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

ANTIMONY PENTASULFIDE see Antimony Sulfide (Golden)

ANTIMONY PERCHLORIDE see Antimony Pentachloride

ANTIMONY PERSULFIDE see Antimony Sulfide (Golden)

ANTIMONY POTASSIUM TARTRATE (Tartar Emetic, Tartrated Antimony)

$K(SbO)C_4H_4O_6.½H_2O$. White or colorless powd. or cryst. Sp. gr. 2.6. Loses water at 110°C. Sol. water, glycerol. Uses—mordant in dyeing and printing textiles; mordant in dyeing leather; in perfumes and medicine. Grades—U.S.P.; C.P.; tech.; cryst.; powdered.

● Pkg—25, 50, 100 250 lb. drums, 425, 625 lb. bbls.

J T Baker Chem Co, Phlipsburg, N J
*Barium & Chem, Willoughby, Ohio
Bendix Chem Corp, 420 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Failek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

ANTIMONY RED see Antimony Sulfide (Golden)

ANTIMONY REGULUS see Antimony Metal

ANTIMONY SULFATE (Antimony Trisulfate, Antimonous Sulfate)

$Sb_2(SO_4)_3$. M.W. 531.70. White, deliq. powd. or lumps. Sp. gr. 3.625. Decomp. in water. Sol. acids; insol. alcohol. Uses—mfr. explosives and pyrotechnics Grades—C.P.; tech.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
John A Chew, 60 E 42 St, N Y 17

ANTIMONY SULFIDE (Antimony Sulfuret, Antimony Trisulfide, Antimony Black, Crocus of Antimony, Crude Antimony, Antimony Gray, Antimonous Sulfide, Stibnite, Antimony Glance, Antimonite)

Sb_2S_3. Grayish-black powd. In natural state, Kermes Mineral of Red Antimony Sulfide, mostly Sb_2S_3. Sp. gr. 4.562. M.P. 546°C. Sol. ammonium sulfide, potassium sulfide, hydrochloric acid. Uses—mfr. antimony salts, metallic antimony, matches, percussion caps and pyrotechnics; as glass pigment; paint pigment; antique coloring of metals; refining gold. Grades—tech.

● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
John A Chew, 60 E 42 St, N Y 17
Charles B Chrystal Co, 53 Park Pl, N Y 7
Croton Chem Corp, 114 Liberty St, N Y 6
Duff Chem Co, 342 Madison Ave, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Charles Gitlan & Co, 25 Beaver St, N Y 4
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hummel Chem Co, 90 West St, N Y 6
Oil & Chem Products, 295 Madison Ave, N Y 17
*Rare Metal Products Co, Atglen, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

ANTIMONY SULFIDE, GOLDEN (Antimonic Sulfide, Antimony Pentasulfide, Antimony Persulfide, Antimony Red, Sulfur Gold)

Sb_2S_5. Orange-yellowish powd. Sol. sodium hydroxide, warm hydrochloric acid; insol. water, alcohol. Uses—mfr. matches, fireworks; as pigment; coloring of metals; in antimony plating; vulcanizing and coloring rubber.

● Pkg—Drums.

*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*General Metallic Oxides Co, 164 1 St, Jersey City 2, N J
R B Huber, 216 Tremont St, Boston 16, Mass
L J & M La Place, Lellarts Lane, E Paterson, N J
*Rare Metal Products Co, Atglen, Pa

ANTIMONY SULFURET see Antimony Sulfide

ANTIMONY TARTRATE

$Sb_2(C_4H_4O_6)_3.6H_2O$. M.W. 795.71. White cryst. powd. Sol. water. Uses—medicinal; in syntheses.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio

ANTIMONY TRIBROMIDE (Antimonious Bromide)

$SbBr_3$. Yellowish, deliq. cryst. Sp. gr. 4.148. M.P. 96.6°C. B.P. 280°C. Sol. carbon disulfide, hydrobromic acid, alcohol, alkalies. Uses—mfr. antimony salts; laboratory reagent; mordant; staining iron and copper articles. Grades—tech.

● Pkg—Bottles.

*Barium & Chem, Willoughby, Ohio
*City Chem Corp, 132 W 22 St, N Y 11

ANTIMONY TRICHLORIDE (Butter of Antimony, Antimonious Chloride)

$SbCl_3$. M.W. 228.13. Colorless, very deliq., translucent cryst. mass; fumes sl. in air. Sp. gr. 3.14; M.P. 73°C. B.P. 225°C. Sol. alcohol, benzene, carbon disulfide, chloroform, ether, acetone. Uses—reagent for chloral aromatic hydrocarbons and Vit. A.

● Pkg—100 pails, 50, 100, 700 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

ANTIMONY TRIIODIDE

SbI_3. M.W. 502.52. Red cryst. M.P. 171°C (approx). Sol. alcohol, carbon bisulfide, hydrochloric acid, potassium iodide solutions; insol. chloroform; decomposed by water. Uses—laboratory reagent; in medicine.

● Pkg—Bottles.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
*City Chem Corp, 132 W 22 St, N Y 11
Rosenthal Bercow Co, 25 E 26 St, N Y

ANTIMONY TRIFLUORIDE see Antimony Fluoride

ANTIMONY TRIOXIDE see Antimony Oxide

ANTIMONY TRISULFATE see Antimony Sulfate

ANTIMONY TRISULFIDE see Antimony Sulfide

ANTIMONY YELLOW see Lead Antimoniate

ANTI-OXIDANTS

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Henley & Co, 801 2 Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*National Aniline Div, 40 Rector St, N Y 6
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Ross & Rowe, 50 Broadway, N Y 4
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Shell Chem Corp, 50 W 50 St, N Y 20
*Sindar Corp, 330 W 42 St, N Y 36
*Superior Materials, 120 Liberty St, N Y 6
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

ANTI-OXIDANTS, GASOLINE

Substances added in small quantities to gasoline to prevent gum formation, anti-knock depreciation, and color loss.

*Chemical Mfg Co, 444 Madison Ave, N Y 22
*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Enjay Co, 15 W 51 St, N Y 19
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*National Aniline Div, 40 Rector St, N Y 6
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
Ross & Rowe, 50 Broadway, N Y 4
*Shell Chem Corp, 50 W 50 St, N Y 20
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

ANTI-OXIDANTS, OIL

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio

IMPRUVOL 33®

● "Impruvol 33"—an antioxidant for motor and aviation gasolines, consisting of a 33-1/3 percent by weight solution of Di-tertiary-Butyl-para-Cresol in toluene. Non-toxic and non-irritating, "Impruvol 33" can be pumped directly into gasoline lines. In retarding the formation of gum resulting from oxidation, this inhibitor neither contributes to engine deposits nor imparts color to the gasoline.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

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INHIBITORS

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UNIVERSAL OIL PRODUCTS COMPANY

General Offices: 30 ALGONQUIN ROAD, DES PLAINES, ILL., U.S.A.
Laboratories: RIVERSIDE, ILLINOIS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ANTI-OXIDANTS, OIL, continued

*Harsyd Chem, 397 W 21 St, Holland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
Ross & Rowe, 50 Broadway, N Y 4
*Shell Chem Corp, 50 W 50 St, N Y 20
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

ANTI-OXIDANTS, RUBBER

Compounds prepared to preserve rubber goods against the destructive effect of oxygen on vulcanized articles.

Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alrose Chem Co, Box 1294, Providence 1, R I
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
R T Vanderbilt Co, 230 Park Ave, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ANTI-OXIDANTS, SOAP

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Sindar Corp, 330 W 42 St, N Y 36
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

ANTIPYRINE

$C_{11}H_{12}ONa$. M.W. 188.21. White powd. M.P. 111.3°C. Sol. in water, alcohol, and ether. Uses—in medicine, as antipyretic and sedative; analytical reagent for determination of nitrous and nitric acid, and for determination of iodine number; Cfr. pharmaceuticals Grades—U.S.P. XI.

●Pkg—25, 100, 200, 250 lb. drums, bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Fisher Chem Co, 220 E 42, St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

ANTIPYRINE BENZOATE

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Simpson Labs Div, 120 Wall St, N Y 5
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ANTIPYRINE SALICYLATE (Phenazone, Salazolon)

$C_{11}H_{12}N_2OC_7H_6O_3$. White, coarse, crystalline powd.; odorless, tasteless. M.P. 91.5°C.; M.W. 326.16; Sol—alcohol, chloroform; Uses—in medicine.

●Pkg—100, 200 lb. bbls., drums.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ANTI-RUBBING AGENTS, TEXTILE

*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

ANTI-RUSTING COMPOUNDS

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisades Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila, Pa
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich.
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Enthone Inc, 442 Elm St, New Haven, Conn
*Feedwaters Inc, 140 Cedar St, N Y 6
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Harsyd Chem, 397 W 21 St, Holland, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Industrial Service Labs Div, 710 W National Ave, Milwaukee 4, Wis
*Klem Chem, 14401 Lanson, Dearborn, Mich
*Emil Klemm Inc, 88 I St, Salt Lake City, Utah
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*M C Supply Co, Box 321, Muskegon, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind

IMPRUVOL 20®

New Antioxidant for Transformer Oil

"IMPRUVOL 20"—a compound oil solution of di-tertiary-butyl-para-cresol (DBPC)—greatly extends useful life of transformer oils. Practically all transformer manufacturers have adopted inhibited oil as "standard equipment"—with DBPC as the inhibitor in all instances. "Impruvol 20" can be used easily with the simplest equipment.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

IONOL®

2,6-Di-tertiary-butyl-4-methyl-phenol
An antioxidant additive for aviation gasoline, transformer and turbine oils

SHELL CHEMICAL CORPORATION
CHEMICAL PARTNER OF INDUSTRY AND AGRICULTURE
Eastern Division: 500 Fifth Avenue, New York 36 • Western Division: 100 Bush Street, San Francisco 6
Atlanta • Boston • Chicago • Cleveland • Detroit • Houston • Los Angeles • Newark • St. Louis
In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16
*W A Wood Co, 40 Oliver St, Boston 10, Mass
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ANTI-SKINNING AGENTS

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
Henley & Co, 801 2 Ave, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Magnus, Mabee & Reynard, 16 DesBrosses St, N Y 13
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Sindar Corp, 330 W 42 St, N Y 36
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

ANTI-SKINNING AGENTS, PAINTS

Products which added to paint or varnish eliminate or reduce skinning, the formation of a film of drying oil and and in keeping the paint or varnish in a liq. state.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
Eastman Chem Products, Kingsport, Tenn
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Harsyd Chem, 397 W 21 St, Holland, Mich
Henley & Co, 801 2 Ave, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Magnus, Mabee & Reynard, 16 DesBrosses St, N Y 13
*National Aniline Div, 40 Rector St, N Y 6
*Neville Co, Neville Island, Pittsburgh 25, Pa,
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Sindar Corp, 330 W 42 St, N Y 36
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

ANTI-SOOT COMPOUNDS

Compounds which react when contacting hot coals, fire, etc., destroying and removing soot in flues, pipes, chimneys. Uses—in stoves and furnaces, to increase efficiency.

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Alrose Chem Co, Box 1294, Providence 1, R I
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Feedwaters Inc, 140 Cedar St, N Y 6
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wasco Engrg Corp, 601 W 26 St, N Y 1

ANTI-STATIC AGENTS

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Development Corp, Endicott St, Danvers, Mass
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
M Michel & Co, 90 Broad St, N Y 4
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

AQUA FORTIS see Acid, Nitric

ARAGONITE see Calcium Carbonate

ARCILLA see Argols

ARCTIC ESSENCE see Methyl Chloride

ARGENTUM see Silver

ARGIL see Argols

ARGILLA see Clays, China

ARGININE (Guanidine-Aminovaleric Acid)

$HN{:}C(NH_2).NH.CH_2.CH_2.CH_2.CH(NH_2).COOH$. M.W. 174.14. White, small Cryst. Sol. water with alkaline reaction; almost insol. alcohol.
●Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

ARGOLS (Wine Lees, Crude Cream of Tartar, Argil, Arcilla)

$KH(C_4H_4O_6)$. Natural cryst. Sol. water. Uses—mfr. cream of tartar, tartaric acid, tartrates, malt vinegar; as fertilizer; mordant in dyeing textiles. Grades—tech.; red and white.

J T Baker Chem Co, Phillipsburg, N J
W R Grace & Co, 7 Hanover Sq, N Y 5
Kingston Chem Co, 15 William St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38

ARGON see also Rare Gases

A. M.W. 39.94. Colorless, inert gas. Sp. gr. 1.378 (Air = 1). B.P. —189.2°C. M.P. —185.7°C. Uses—filler in electrical display signs instead of neon or other rare gases; instead of nitrogen for filling incandescent bulbs; instead of hydrogen in thermometers.
●Pkg—Flasks, cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

ARGOTAN see Cinchophen

ARISTOL see Thymol Iodide

ARNATTO see Annatto

ARNOTTA see Annatto

ARRHENAL (Di Sodium Methyl Arsenate)

$NaCH_3AsO_3.5H_2O$. M.W. 274.01; white crystalline powd; Sol.—water somewhat in alcohol; Uses—in medicine (similar to the cacodylate).
●Pkg—Custom packed.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59

ARROWROOT (Balua Tapioca, Maranta)

Starch derived from roots of plants of Maranta genus. Uses—mfr. food preps., baked produces, confectionery, glues, starches, face powd.; food substances; size; laundry; textile size; bleaching linen. Grades—American; St. Vincent; Bermuda.

Dalton-Cooper, 200 W 34 St, N Y 6
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Meer Corp, 318 W 46 St, N Y 36
Moringstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y

ARSENIC, BISULFIDE see Arsenic, Red

ARSENIC, DISULFIDE see Arsenic, Red

FINE HEYDEN CHEMICALS

anti-skinning agents

LIGNOCOL®

Retards skinning in enamels, spar varnish and printing inks during storage and prevents wrinkling after the film has been cast. Particularly applicable in dipping tanks and industrial finishes where stubborn problems are encountered.

GUAIACOL, Liquid Technical

Effectively inhibits skinning in paints, varnishes and printing inks and controls oxidation in putties and hydrocarbon solvents subject to gumming.

M.D.A.® (Methylene Disalicylic Acid, Technical)

A dibasic acid for use in the manufacture of alkyd resins and modified phenolic compositions and as a chemical intermediate.

HEYDEN CHEMICAL CORPORATION

342 MADISON AVENUE, NEW YORK 17, N.Y.

Chicago • Philadelphia • San Francisco • Detroit • Providence

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ARSENIC METAL

Highest Purity

•

White Arsenic
Copper Sulphate
Nickel Sulphate
Zinc Chloride
Zinc Ammonium Chloride
Stearates

Rare Earth Salts
Derived from Monazite Sand

Chemicals Generally

GEORGE F. SMITH
Sales & Chemicals Corp.
60 EAST 42nd STREET
New York 17, N. Y.
7-5651
MUrray Hill

ALUMINUM SULPHATE
ARSENIC CRUDE
ARSENIC RED
ARSENIC WHITE
CADMIUM METAL
CADMIUM OXIDE
COPPER OXYCHLORIDE
COPPER SULPHATE
NAPHTHALENE
NICKEL SULPHATE
ZINC DUST

▼

INDUSTRIAL SALES CORPORATION
500 Fifth Ave., New York 36, N.Y.
Cables—Indussa-New York

ARSENIC

WHITE ARSENIC 99-100% 98- 99% 96- 98% 90- 96%

RED ARSENIC

ARSENIC METAL

★

NOPEL CORPORATION
2 Broadway
New York 4, N. Y.
Tel: WHitehall 4-5328-9

Exclusive
U. S. Representatives
For Mines et Usines de
SALSIGNE
FRANCE

ARSENIC, FREE

As. At. Wt. 74.91; At. No. 33. M.P. sublimes (500° C m.p. under pressure); B.P. 615; Sp. gr. 5.73. Valence 3.5. Semi-metallic element, rarely found free; occurring as realgar and arsenical pyrites. Steel-gray, brittle, cryst. mass; subliming on eating and depositing partly cryst., partly black amorphous solid. Uses—in bronzing; alloys; infr. arsenic sulfides, shot, certain glass; in pyrotechnics.

Fallek Products Co, 163 Broadway, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
George F Smith, 60 E 42 St, N Y 17

ARSENIC IODIDE (Arsenious Iodide, Arsenic Tri-iodide)

AsI_3. M.W. 455.69. Orange-red scales or powd. Sp. gr. 4.39. M.P. 146°C. B.P. 403°C. Sol. water, alcohol, ether, carbon bisulfide. Uses—laboratory reagent; in poisons; in medicine. Poisonous. Grades—U.S.P.; tech.

*City Chem Corp, 132 W 22 St, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

ARSENIC, METAL

As. Silvery, solid crystalline. Natural and mfr. Sp. gr. 4.7 to 5.7 M.P. 850°C under pressure. Volatilizes about 100°C. Sublimes at 616°C. Sol. nitric acid; insol. water. Uses—mfr. poisonous insecticides, rodent poisons, arsenic salts, arsenicals; bronzing agent for glass and opal glass; alloying metal; in medicine. Poisonous. Grades—tech.; 99%.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Charles Gitlan & Co, 25 Beaver St, N Y 4
International Commodities Corp, 11 Mercer St, N Y 13
Nopel Corp, 2 Broadway, N Y 4
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

ARSENIC PENTOXIDE see Acid, Arsenic

ARSENIC, RED (Arsenic Disulfide, Red Orpiment, Arsenic Bisulfide, Realgar, Red Arsenic Glass, Red Arsenic Sulfide, Ruby Arsenic)

As_2S_2. Brownish-red amorp. powd. Sp. gr. 3.55. M.P. 307°C. B.P. 565°C. Sol. acids, alkalies. Uses—mfr. pyrotechnic preps.; depilatory agent; shot, paint, and varnish pigment; dyeing textiles and calico printing. Poisonous. Grades—tech.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
Nopel Corp, 2 Broadway, N Y 4
Republic Chem Corp, 94 Beekman St, N Y 38

ARSENIC TERSULFIDE see Arsenic, Yellow

ARSENIOUS ANHYDRIDE see Arsenic, White

ARSENIOUS CHLORIDE see Arsenic, Trichloride, Anhydrous

ARSENIOUS IODIDE see Arsenic, Iodide

ARSENIOUS OXIDE see Arsenic, White

ARSENIOUS SULFIDE AURIPIGMENT see Arsenic, Yellow

ARSENIC TRICHLORIDE (Anhydrous, Arsenious Chloride)

As_2Cl_3. Colorless fuming corrosive oily liq. Sp. gr. approx. 2.163 at 15.5°/15.5°C. Distillation range—3°. B.P. 130.2°C. Sol. hydrochloric acid, alcohol, ether. Uses—mfr. drugs, ceramics, sneeze gas.

● Pkg—350, 1000 lb. drums.

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

ARSENIC TRI-IODIDE see Arsenic Iodide

ARSENIC, TRIOXIDE see Arsenic, White

ARSENIC, TRISULFIDE see Arsenic, Yellow

ARSENIC, WHITE (Arsenious Acid, Arsenious Oxide, Arsenious Anhydride, Arsenic Trioxide)

As_2O_3. M.W. 197.86. White, amorp. lumps, cryst. or white powd., odorless. Sp. gr. 3.86. Sublimes at 193°C. Sol. water, alkalies, alkali carbonates, acids, alcohol. Uses—mfr. arsenic acid, arsenical, aniline dyes, white fire, ceramic enamels, fly poisons, fly paper, wheat smut killers, vegetable decomposition preventatives, boiler compounds, rat poisons, sheep dips, bullets and shot, Scheele's green, Paris green, etc., medicinal soaps, blue, green, pink, brown and other pigments; as clarifying reagent and decolorizer glass; hide preservative; insecticide; laboratory reagent; treating hair for felt hats; mordant in dyeing and calico printing; fixative for aniline dyes; determining strength of bleach; for coloring metals; in medicine. Very poisonous. Grades—tech. (99%); off-grade (96-99%); C.P.; U.S.P.

● Pkg—5, 50 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C, I, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
McKesson & Robbins, 155 E 44 St, N Y
*Mercer Chem Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Nopel Corp, 2 Broadway, N Y 4
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ARSENIC, YELLOW (Arsenic Trisulfide, Arsenious Sulfide Auripigment, King's Yellow, Orpiment, Sulfoarsenious Anhydride, Arsenic Tersulfide)

As_2S_3. M.W. 246.04. Yellow-orange, solid amorp. Sp. gr. 3.43. M.P. 300°C. B.P. 707°C. Sol. nitric acid, alkalies. Uses—pigment in paints and varnishes; reducing agent in making intermediates, organic chemicals, etc., and in chemical processes; in medicine. Poisonous. Grades—tech.

American Firstoline Corp, 420 Lexington Ave, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
Hummel Chem Co, 90 West St, N Y 6
*Rare Metal Products Co, Atglen, Pa

ARTIFICIAL BLUE MALACHITE see Copper Carbonate, Blue

ARYL ACETYLENE see Acetylenic Hydrocarbons

ASBESTOS (Amphibole, Amianthus, Earth Flax, Mountain Cork, Serpentine, Stone Flax)

Fibrous, crystalline mineral. Varying physical properties. Sp. gr. 2.2-2.8. Infusible. Resistant to high temp. and solvents. Uses—mfr. woven fireproof fabrics, theatre curtains, asbestos yarn, cloth, rope, wicks, tinder, wall linings, firemen's clothing, paints, roof shingles, roofing papers and cements, wallplaster and wallboard, stucco plaster, asbestos slate, asbestos paper, coverings for pipes, furnaces, locomotives, acid proof cements, electrical insulating compositions, insulators for motors, generators and other electrical machinery, leather substitutes; packing for joints, boxes, etc.; in steam lines; general filtering medium; rubber filler; filler in moulding compounds; substratum for platinum catalyst in chemical processes; mortar ingredient. Grades—crude; long fibres; short fibres; paper stock; cement stock; shingle stock; floats.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Alfred O Brown Associates, 59 Pearl St, N Y 4
*Colorado Asbestos & Mining Co, Box 65, 200 Plain St, S Braintree 85, Mass
M W Hardy & Co, 141 Broadway, N Y 6
*Hill Bros Chem Co, 1525 S 28 St, San Diego 13, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Nopel Corp, 2 Broadway, N Y 4
*Ruberoid Co, 500 5 Ave, N Y 36
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

ASPARAGINE (l-Aminosuccinamic Acid, Althein, Asparamide)

$C_4H_8N_2O_3.H_2O$. M.W. 150. White cryst.; optically active. Uses—in medicine.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Inland Alkaloid Co, Tipton, Ind
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Roussel Corp, 155 E 44 St, N Y 17
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ASPARAMIDE see Asparagine

ASPHALT see Asphaltum

ASPHALTUM (Asphalt, Bitumen, Judean Pitch, Jew's Pitch, Petroleum Asphalt, Mineral Pitch, Trinidad Pitch, Petrolene)

Brownish-black solid to semi-solid. Varying physical contents. Sp. gr. 1.00-1.18. M.P. 32-38°C. Sol. turpentine, petroleum, carbon disulfide, chloroform, acetone, ether; insol. acids, alkalies, water, alcohol. Uses—mfr. black varnishes, varnishes, paints, enamels, roof cements, transfer and due-tone inks, asphaltic, roofing and insulating papers, asphaltic stone, mastics, plastics, mineral rubber, chewing gum, lacquers; electrical insulating compositions; lining water tanks; engraving and lithography; waterproofing purposes; coating pipes; cement mixtures; paving streets. Grades—tech.
● Pkg—180, 220 lb. bags.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
Hummel Chem Co, 90 West St, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Sinclair Refining Co 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
Zophar Mills, 103 26 St, Bklyn 32, N Y

ASPHALTUM COMPOUNDS

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Burgess Chem Co, 64 Hamilton St, Paterson 1, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Muiti-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Sun Oil Co, 1608 Walnut St, Philadelphia 3, Pa
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ASPIDIUM OLEORESIN

Oleoresin of male Aspidium fern. Dark green thick liq.; bitter, unpleasant taste. Sp. gr. not less than 1.0. Sol. ether; partly sol. in alcohol, chloroform. Uses—teniacide in medicine.

Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gane & Ingram, 43 W 16 St, N Y 11
*Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

ASPIRIN see Acid, Acetylsalicylic

ASSISTANTS, BLEACHING

Concentrated compounds added to chlorine and peroxide bleaching baths to accelerate the bleaching process and to afford protection to the fibre.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Mitchel Fels, 272-274 E Ashmead St, Phila 44, Pa
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6 Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Jacques Wolf & Co, Passaic, N J

ASSISTANTS, KIER

Specially formulated compounds to remove and emulsify the natural oils and waxes on the cotton fibre thereby producing a clean and absorbent yarn or fabric.

*Anatara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6 Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J

Asbestos FIBER PRODUCTS

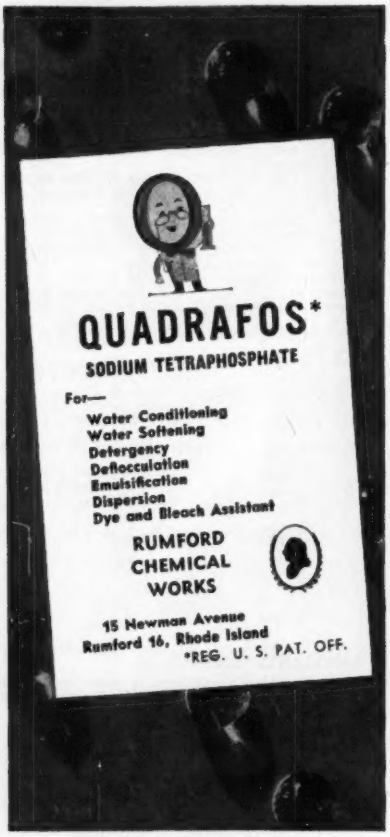
Because of their resistance to the corrosive action of acid fumes, vapors and gases, asbestos fiber and asbestos products have a wide range of applications in the chemical industry.

Johns-Manville produces all grades and lengths of asbestos fiber, each representing the highest value in its class and the utmost uniformity in grading and volume. J-M Asbestos Products include:

● Insulations ● Transite Movable Walls ● Brake Linings ● Clutch Facings
● Chemstone Panels ● Roofing and Siding ● Transite Industrial Vent Pipe
● Packings and Gaskets ● Flexboard ● Flooring ● Transite Water and Sewer Pipe

Johns-Manville
22 EAST 40th STREET NEW YORK 16, N. Y.
JM PRODUCTS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



See Our Catalog Ad

ASSISTANTS, KIER, continued

*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Jacques Wolf & Co, Passaic, N J

ASSISTANTS, MERCERIZING

Wetting out agents which assist in obtaining a more uniform, intimate contact between the mercerizing agent and the cotton goods.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Jacques Wolf & Co, Passaic, N J

ASSISTANTS, VAT PRINTING

Catalysts which improve, accelerate, brighten, and strengthen vat printing pastes.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dewey & Almy Chem Co, 62 Whittmore Ave, Cambridge 40, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Phila 33, Pa
M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

ATROPINE (dl-Hyoscyamine; dl-Daturine)

$C_{17}H_{23}O_3N$. M.W. 289.19. White, odorless cryst.; bitter, acrid taste. Intensely poisonous. M.P. 114°. Sol. water, alcohol. Uses—to prepare the oleate. ● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Sandoz Pharmaceuticals Div, 68 Charlton St, NY 14
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
Sterone Corp, 250 W 57 St, N Y 19

AUTOMOBILE SPECIALTIES

*Allied Industrial Products Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Harsyd Chem, 397 W 21 St, Holland, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Stewart Chem Products, Longmont, Col
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

AZOBENZENE

$C_6H_5.N:N.C_6H_5$. M.W. 182. Orange-red rhombic cryst. Sol. ethyl alcohol, ethyl ether, acetic acid, ligroin. Uses—dyestuff intermediate; in rubber accelerators.

*Carwin Co, Stiles Lane, N Haven, Conn
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

BABBITT METAL

Alloy 69% Zn, 19% Sn, 4% Cu, 3% Sb, 5% Pb. Uses—in machining bearings. Tariff, Babbitt metal, solder, white metal, and other combinations containing lead, lead content, 2½¢ lb.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6

BACITRACIN

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*S B Penick & Co, 50 Church St, N Y 7
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

BACKWINDING COMPOUNDS, TEXTILE

Preps. for softening and lubricating yarns, particularly silk, so that they will knit readily. Used specially on full-fashioned and seamless knitting machines.

*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

BAHIA ARROWROOT see Tapioca Flour

BAKER'S SUGAR see Corn Sugar

BAKING SODA see Sodium Bicarbonate

BALSAM, CANADA (Balsam of Fir, Canada Turpentine)

Yellowish liq. pinelike odor. Derived from Abies, balsamica. Sp. gr. 0.983-0.997. Sol. ether, chloroform, benzene. Uses—mfr. lacquers, special adhesives for lenses, instruments, microscopes; in medicine. Grades—tech., (Abies balsamica).

J M Baird Co, 254 W 31 St, N Y 1
Dalton-Cooper, 200 W 34 St, N Y 1
P R Dreyer, 113 W 19 St, N Y
Esor Chem Co, 205 E 42 St, N Y
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Meer Corp, 318 W 46 St, N Y 36
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

BALSAM CAPIVI see Balsam, Copaiba

BALSAM, COPAIBA (Jesuit's Balsam, Balsam Capivi, Copaiba Resin)

Light yellow to brownish-yellow liq. peculiar odor. Natural, sp. gr. 0.940-0.990. Saponification number 80-100. Acid number 75-100. Sol. alcohol, chloroform, ether, carbon disulfide, benzol, oil of turpentine. Uses—mfr. varnishes, lacquers, tracing cloth, transparent and tracing paper; brightening oil paintings; in medicine. Grades—U.S.P.; South American; tech.; clarified; Para.

Dalton-Cooper, 200 W 34 St, N Y 1
P R Dreyer, 113 W 19 St, N Y
Dura Commodities Corp, 20 Vesey St, N Y 7
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tombarel Products Corp, 12 E 22 St, N Y 10

BALSAM OF FIR see Balsam, Canada

BALSAM, JESUIT'S see Balsam, Copaiba

BALSAM, PERUVIAN (Indian Balsam, China Oil, Black Balsam)

From Toluifera Pereirae (Royle) Boil. Comes from Central America (San Salvador) in forests near Pacific Coast. Composed of 50-60% cinnamein—esters of cinnamic and benzoic acid; about 28% styracine vanillin. Dark brown, viscid liq., pleasant aromatic odor; warm, bitter taste. Sp. gr. 1.150-1.170. Insol. water, olive oil; sol. alcohol, chloroform, glacial acetic acid. Uses—in medicine, perfumery, chocolate mfr., also, making of odors.

Dalton-Cooper, 200 W 34 St, N Y 1
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gane & Ingram, 43 W 16 St, N Y 11
W R Grace & Co, 7 Hanover Sq, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tombarel Products Corp, 12 E 22 St, N Y 10

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

BALUA TAPIOCA see Arrowroot

BANANA OIL see Amyl Acetate

BARAS CAMPHOR see Borneol

BARBERRY BARK

Bark of Berberis vulgaria. Habitat—Europe, North America. Uses—mfr. dye extracts, berberine, food confections; as preserve; increasing gloss and lustre of leathers; in medicine.

*Greer Drug Co, P O Box 800, Lenoir, N C
Meer Corp, 318 W 46 St, N Y 36

BARBITAL

●Pkg—1, 5 lb. tins, 25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
Philip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

BARBITURATES

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Benzol Products Co, 237 South St, Newark 5, N J
Bios Labs, 17 W 60 St, N Y 23
*Blackman Brands, Wesley St, S Hackensack, N J
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Hunstpoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 W Venice Blvd, Los Angeles 9, Cal
Sterone Corp, 250 W 57 St, N Y 19
*Sumner Chem Co, 6 E 45 St, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

BARIA HYDRIDE see Barium Hydroxide

BARITE see Barium Sulfate

BARIUM ACETATE

$Ba(C_2H_3O_2)_2H_2O$. M.W. 273.42. White, crystalline powd. Sp. gr. 2.19. Decomp. on heating. Sol. water; sl. sol. alcohol. Uses—mfr. acetates, acetone, verdigris; laboratory reagent; mordant in dyeing and printing textiles. Poisonous. Grades—tech.; C.P.
●Pkg—Custom packed

*Adams-Henry Chem Co, 32 Broadway, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36

BARIUM BINOXIDE see Barium Peroxide

BARIUM BLACK ASH

*Chicago Copper & Chem Co, Blue Island, Ill

BARIUM BROMIDE

$BaBr_2.2H_2O$. M.W. 332.2. Colorless cryst., very poisonous. Sp. gr. 3.6. B.P., decomp. M.P. 120°C Sol. water and methyl alcohol. Uses—mfr. of bromides
●Pkg—25, 100, 150, 200 lb. drums

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*Dow Chem Co, Midland, Mich
Philip J Lo Bue Co, 277 Park Ave, N Y 17

BARIUM CARBONATE (Witherite)

$BACO_3$. White powd. Natural and mf. (The natural mineral called Witherite contains higher percentage of impurities than precipitated $BaCO_3$, and has a grayish-white or yellowish color.) Sol. acids. Uses—mfr. barium salts, dyes, pyrotechnics, optical glass, rat poisons, flat wall paints, cosmetics, beet sugar, tile, terracotta, porcelains, potteries; laboratory reagent; in steel and metal industry; to prevent scum and efflorescence in bricks, tile, sewer pipe, etc.; filler; paper, linoleum, rubber and soap filler; water purifier. Poisonous. Grades—natural (witherite); precipitated; C.P.; tech.
●Pkg—50, 80, 100 lb. bags, 100, 200 lb. drums 300 lb. bbls.

American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Mfg Co, 444 Madison Ave, N Y 22
*Chemical Products Corp, Cartersville, Ga
John A Chew, 60 E 42 St, N Y 17
*Chicago Copper & Chem Co, Blue Island, Ill
Conray Products Co, 510 Ave of the Americas, N Y 11
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Hammill & Gillespie, 225 Broadway, N Y 7
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

Barium Carbonate
Barium Chloride

√ Sodium Sulfide
√ Sodium Sulfhydrate
√ Barium Sulfide
√ Ammonium Sulfide

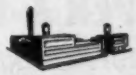
√ Monochlorobenzene
√ Paradichlorobenzene
√ Orthodichlorobenzene

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Allylbarbituric Acid NNR	Butethal NNR
Alphenal	Butethal Sodium
Amobarbital NNR	Cyclopentenylallylbarbituric Acid
Amobarbital Sodium NNR	Diallylbarbituric Acid NNR
Aprobarbital NNR	Pentobarbital NNR
Aprobarbital Sodium NNR	Pentobarbital Calcium NNR
Barbital USP	Pentobarbital Sodium NNR
Barbital Calcium	Phenobarbital USP
Barbital Sodium USP	Phenobarbital Calcium
Butabarbital	Phenobarbital Sodium USP
Butabarbital Sodium NNR	Secobarbital Sodium NNR



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For complete list of company products: See Catalog Section

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Flake—Technical Grade
Pentahydrate,
Flake—Technical Grade
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BARIUM NITRATE
BARIUM OXIDE
BARIUM PEROXIDE
BARYTES, GROUND*
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BARIUM CARBONATE
(Precipitated)

BARIUM CHLORIDE
BARIUM SULFIDE
SODIUM SULFIDE

CHICAGO COPPER & CHEMICAL CO.
(MANUFACTURERS)
BLUE ISLAND, ILLINOIS
(INCORPORATED 1912)

BARIUM CHLORIDE

$BaCl_2 2H_2O$. Colorless, flat cryst. Sp. gr. 3.097. (24° C). M.P. 960°C Sol. water; insol. alcohol. Uses—mfr. artificial barium sulfate, barium salts, color lakes, pyrotechnics, printing inks, insecticides, photographic chemicals, rat poisons, pigments, blanc fixe, boiler compounds, varnishes; laboratory reagent; tanning and finishing leather; in brass and metal industry; linoleum and paper filler; purifying sugar; mordant in dyeing and printing textiles; weighting textiles; water softener, in medicine. Grades—tech.; 99% cryst.; powdered; C.P.

● Pkg—bags, drums, bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemical Products Corp, Cartersville, Ga.
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
Cole Labs, 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Chicago Copper & Chem Co, Blue Island, Ill
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Hummel Chem Co, 90 West St, N Y 6
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Welch, Holme & Clark Co, 439 West St, N Y 14

BARIUM CHROMATE (Lemon Chrome, Ultramarine Yellow, Baryta Yellow, Steinbuhl Yellow, Gelbin)

$BaCrO_4$. Yellow powd. or cryst. Sp. gr. 4.498. Sol. acids. Uses—mfr. safety match compositions; as pigment in water color paint and varnishes; discharge in printing fabrics; coloring ceramics, porcelains and glass. Grades—tech.; C.P.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md

BARIUM CYANIDE

$Ba(CN)_2$. Colorless cryst. M.P. 600°C. Sol. water, alcohol. Uses—metallurgical purposes. Poisonous. Grades—tech.

● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
*City Chem Corp, 132 W 22 St, N Y 11
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

BARIUM DIOXIDE see Barium Peroxide

BARIUM FLUORIDE

BaF_2. White powd. Sp. gr. 4.828. M.P. 1280°C. Sol. acids, ammonium chloride solution; insol. water. Uses—mfr. embalming fluid, enamels for ceramics. Grades—tech.; C.P.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Conray Products Co, 510 Ave of the Americas, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

BARIUM FLUOSILICATE

$BaSiF_6$. White powd. Very sl. sol. water. Uses—mfr. insecticides. Grades—tech.

*Barium & Chem, Willoughby, Ohio
Conray Products Co, 510 Ave of the Americas, N Y 11

BARIUM HYDRATE see Barium Hydroxide

BARIUM HYDRIDE

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

BARIUM HYDROXIDE (Barium Hydrate, Caustic Baryta, Baria Hydride)

$Ba(OH)_2.8H_2O$. M.W. 315.5. White or sl. yellowish cryst. Sp. gr. 2.18. M.P. 78°C. B.P. 105°C. Sol. water, alcohol, ether. Uses—mfr. barium salts, boiler compounds, intermediates, organic chemicals; refining fats, oils and sugar; glass ingredient; water softener. Grades—tech., anhydrous powd. or cryst.; C.P.; U.S.P.

● Pkg—100 lb. bags, 400 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bios Labs, 17 W 60 St, N Y 23
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chicago Copper & Chem Co, Blue Island, Ill
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
William D Neuberg Co, 420 Lexington Ave, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Westvaco Chem Div, 161 E 42 St, N Y 17

BARIUM HYPOSULFITE see Barium Thiosulfate

BARIUM IODIDE

$BaI_2.2H_2O$. M.W. 427.23. Colorless, odorless, transparent cryst. or white granules. Poisonous. Sol. water; sl. sol. alcohol. Uses—preps of iodides; in medicine.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BARIUM LANOLATE

*Barium & Chem, Willoughby, Ohio
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y

BARIUM, METAL

Ba. White soft metal. At. No. 56. Sp. gr. 3.46. M.P. 850°C. B.P. 1140°C. Insol. cold water; sl. sol. hot water with formation of hydroxide; sol. acids, alkalies. Must be kept under oxygen-free oil, etc., to avoid oxidation. Sol. compounds are poisonous. Uses—mfr. barium salts, alloys.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

BARIUM MONOSULFIDE see Barium Sulfide

BARIUM MONOXIDE see Barium Oxide

BARIUM NAPHTHENATE

M.W. about 600. 23% metal. Brown resinous solid Uses—lube oil additive; water-proofing agent.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Barium & Chem, Willoughby, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

BARIUM NITRATE (Nitrobarite)

$Ba(NO_3)_2$. M.W. 261.38. Colorless or white cryst or powd. Sp. gr. 3.244 (23°C.). M.P. 592°C. Decomp. on further heating. Sol. water. Uses—mfr. barium salts, ceramic glazes, pyrotechnics, green fires, military explosives, blasting powd.; laboratory reagent; in medicine. Grades—cryst.; pulverized (97-99%); tech.: C.P.

● Pkg—500 lb. bbls., 550 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
Croton Chem Corp, 114 Liberty St, N Y 6
*Davies Nitrate Co, 114 Liberty St, N Y 6
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hummel Chem Co, 90 West St, N Y 6
*International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Westvaco Chem Div, 161 E 42 St, N Y 17

BARIUM NITRATE

— also —

BARIUM OXIDE • BARIUM PEROXIDE
BARIUM HYDRATE
BARIUM CHLORATE • BARIUM CARBONATE

HUMMEL CHEMICAL COMPANY

INCORPORATED

90 WEST STREET NEW YORK 6, N. Y.

TELEPHONE: BARCLAY 7-6630

BARIUM OXALATE

$BaC_2O_4.H_2O$. M.W. 225.38. Sp. gr. 2.66. White crystalline powd. Poisonous. L. Insol. water; sol. acid, ammonium, chloride.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Hummel Chem Co, 90 West St, N Y 6
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

BARIUM OXIDE (Barium Monoxide, Barium Protoxide, Calcined Baryta)

BaO. White to yellowish white or gray powd. Sp. gr. 4.73-5.46. Decomp. on heating; decomp. water to form $Ba(OH)_2$. Sol. acids, water. Uses—mfr. barium salts, glass ceramics; refining beet sugar. Should be well stoppered. Grades—tech.; C.P.

● Pkg—120 lb. pails, 400, 800 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Chemical Mfg Co, 444 Madison Ave, N Y 22
Faesy & Besthoff, 325 Spring St, N Y 13
*Hummel Chem Co, 90 West St, N Y 6
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Westvaco Chem Div, 161 E 42 St, N Y 17

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INCORPORATED

BARIUM OXIDE—POROUS

CARBIDE—FREE

SUITABLE FOR METHYLATION REACTIONS AND DESICCATING PURPOSES

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BARIUM HYDROXIDE (ANHYDROUS)
BARIUM NITRATE
BARIUM OXIDE
BARIUM PEROXIDE
BARIUM SULFIDE

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BARIUM NITRATE

STRONTIUM HYDRATE

STRONTIUM SULPHIDE

STRONTIUM PEROXIDE

MILLMASTER
CHEMICAL CORP.
11 West 42nd Street
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MILLMASTER

BARIUM OXIDE, POROUS

BaO. Specially prepared for drying and dehyrating gases, liq. and solids at temp. to 1000°C. Reacts violently on contact with water. Care should be exercised in handling. Available in lump form or granulated to various mesh sizes.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Barium & Chem, Willoughby, Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

BARIUM PERCHLORATE

$Ba(ClO_4)_2$. M.W. 336.27. White crystalline material. L. M.P. 505°C. Sol. water, alcohol. Uses—dehydrating agent.

●Pkg—Custom packed.

*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

BARIUM PERMANGANATE

$Ba(MnO_4)_2$. M.W. 375.3. Brownish violet crystals; sol. water. Uses—mfr. permanganates, pure permanganic acid; in research. It is more active and less stable than potassium permanganate.

*Barium & Chem, Willoughby, Ohio
Blos Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

BARIUM PEROXIDE (Barium Binoxide, Barium Dioxide)

BaO_2. Grayish-white powd. Cryst. have formula $BaO_2 \cdot 8H_2O$. Sp. gr. 4.958. M.P. 450°C. Sol. dilute alcohol, acids. Decomp. in water. Uses—mfr. barium salts, oxygen, in Brin's Process for hydrogen peroxide, green light, oxygenated water; primer in alumio-thermic welding; general bleaching agent; bleaching textiles: mordant in dyeing and printing fabrics. Grades—88-90%; tech.; C.P.

●Pkg—80, 100 lb. pails, 700 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Chemical Mfg Co, 444 Madison Ave, N Y 22
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Westvaco Chem Div, 161 E 42 St, N Y 17

BARIUM PROTOXIDE see Barium Oxide

BARIUM RICINOLEATE

$Ba[OOC(CH_2)_7CH:CHCH_2CHOH(CH_2)_5CH_3]_2$. M.W. 727. Moderately hard, waxy soap. Uses—compounding of waxes, greases, lubricants, gasket pastes.

●Pkg—50 lb. bags, 300 lb. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Barium & Chem, Willoughby, Ohio
*Bios Labs, 17 W 60 St, N Y 23
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F N J

BARIUM STANNATE

●Pkg—50 lb. bags, 100 lb. bbls., drums.

*Barium & Chem, Willoughby, Ohio
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

BARIUM STEARATE

$BaC_{18}H_{35}O_2$. White crystalline. Insol. alcohol. Uses—waterproofing purposes; packing for pumps for alkalies. Grades—tech.

●Pkg—50 lb. cartons, 100 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F N J
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Prior Chem Corp, 420 Lexington Ave, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Joseph Turner & Co, Ridgfield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

BARIUM SULFATE (Barytes, Barite, Heavy Spar, Tiff) —see also Blanc Fixe

$BaSO_4$. White crystalline powd. and natural. Sp. gr. 4.25-4.5. Decomp. at 1580°C. Sol. conc. sulfuric acid; insol. alcohol, water, dilute acids. Uses—mfr. barium salts, blanc fixe, printing inks, white leathers, iridescent glass, glazer's putty, artificial ivory, ceramics; filler printing inks, leather dressings, linoleum, paints, varnish, textiles, rubber; cements; flux in copper smelting. Grades—bleached; ground; floated; natural barium sulfate.

●Pkg—100, 250 lb. drums.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Chemical Mfg Co, 444 Madison Ave, N Y 22
Charles B Chrystal Co, 53 Park Pl, N Y 7
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Hummel Chem Co, 90 West St, N Y 6
*Industrial Minerals, York, S C
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Pklyn 11, N Y
C J Osborn Co, 132 Nassau St, N Y 38
Philipp Bros Chem, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, Huntington, W Va
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

BARIUM SULFATE, PRECIPITATED see Blanc Fixe

BARIUM SULFIDE (Barium Monosulfide)

BaS. Grayish-white powd., tech.—brownish-black powd. in lumps. Sp. gr. 4.25 (15°C). Infusible. Decomp. in water. Uses—mfr. barium salts, hydrogen sulfide gas, luminous paints; for producing rich shades of brown coloring on copper; vulcanizing rubber; weighting gutta percha; laboratory reagent; as depilatory. Grades—tech.; C.P.

●Pkg—25 lb. jars, 25, 100, 700 lb drums, 100 lb. bags

J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*Chemical Products Corp, Cartersville, Ga
*Chicago Copper & Chem Co, Blue Island, Ill
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Republic Chem Corp, 94 Beekman St., N Y 38
*Westvaco Chem Div, 161 E 42 St, N Y 17

BARIUM SULFITE

$BaSO_3$. White powd. Decomposes on heating. Sol. acids. Uses—mfr. paper; in catalytic chemical processes. Grades—Tech.

●Pkg—1, 5 lb. bottles, 25 lb. drums

*Barium & Chem, Willoughby, Ohio
*City Chem Corp, 132 W 22 St, N Y 11

BARIUM THIOSULFATE (Barium Hyposulfite)

$BaS_2O_3 + H_2O$. White crystalline powd. Sp. gr. 3.3 Sl. sol. water. Uses—mfr. luminous paints and varnishes, matches, explosives.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio

BARIUM ZIRCONIUM SILICATE

●Pkg—80 lb. bags, 500 lb. drums

*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa.

BARREL-LINING COMPOUNDS

Products usually formulated from asphalt, certain forms of pure pitch or synth. resins suitable for lining the inside of barrels, beerbarrels or containers, etc., to prevent contamination, corrosion, etc. See also enamels, brewers; also pitch, brewers.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*I N Breetwor & Associates, 4005 Wilshire Blvd, Los Angeles 5, Cal
*Burtonite Co, P O Box 7, Nutley 10, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51 Ill
*Dow Chem Co, Midland, Mich
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa.
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedfrod Glens Rd, Bedford, Ohio
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

BARYTA YELLOW see Barium Chromate

BARYTES see Barium Sulfate

BASES, ABSORPTION

*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Fanning Chem Corp, 352 Doremus Ave, Newark 5, N J
*Floridin Co, 220 Liberty St, Warren, Pa.
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

BASES, COLOR LAKE

Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Patent Chem, 335 McLean Blvd, Paterson 4, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

BASIC CARBONATE see Lead White

BASIC CUPRIC CHROMATE see Copper CHROMATE

BASIC IRON ACETATE see Ferric Acetate

BASIC MOLYBDATE see Ammonium Molybdate

BASTARD SAFFRON see Saffron, American

BATES, TANNING

Hides and skins are bated first, to remove the free and combined lime, and second, to reduce the swelling of the collagen fibres, caused by the lime, thereby restoring the hides and skins to the required degree of softness or flaccidity. Before the introduction of modern synth. bates, the most commonly used materials were hen, pigeon, and dog dungs. When hen or pigeon dung was used, the process was called bating, and when dog dung was used it was called puering. Value of dung for deliming and falling purposes was caused by its ammonium chloride content and presence of certain enzymes. Artificial bates are usually compounded with a suitable ammonium salt, pancreatic enzymes, and an inert filler.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Takamine Lab, 193 Arlington Ave, Clifton, N J
*Wallerstein Co, 180 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J

BATTERY MANGANESE see Manganese Dioxide

BAUXITE (Beauxite)

$Al_2O(OH)_4$. White to deep red amorp. Natural. Sp. gr. 2.4 to 2.5. Insol. water. Decomp. by HCl. Uses—mfr. corundum, artificial emery, abrasive papers and cloths, alum, alum cake, alumina, aluminum sulfate, aluminum hydroxide, refractories, aluminates, kiln linings; catalyst; paint and varnish filler; pigments; decolorizing and deodorizing petroleums; clarifying molasses.

● Pkg—100 lb. bags, 400 lb. drums

Aluminum Import Corp, 630 5 Ave, N Y 20
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Floridin Co, 220 Liberty St, Warren, Pa
Charles Gilian & Co, 25 Beaver St, N Y 4
Nopel Corp, 2 Broadway, N Y 4
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

BEAUXITE see Bauxite

BENTONITE

Clay-like mineral of varying color and properties. Uses—foundry molding sand rejuvenator; oil-well drilling mud thickener and suspending agent; for stopping water seepage in dams, reservoirs and mines; clarification of drinking water supplies; purification of sewage and disposal wastes; laundry detergent and ingredient of soap and cleaning and polishing compounds; suspending and adhesive agents in insecticides; bond for refractory and acoustics insulation; ceramic bond; emulsifier for latex, asphalt and other water immiscible substances, wine clarifier; as a thickening paste-forming and suspending ingredient in pharmaceuticals and cosmetics; petroleum, animal and vegetable oil refining in natural and activated forms.

● Pkg—50, 100 lb. bags

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Charles B Chrystal Co, 53 Park Pl, N Y 7
Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Merchants Chem Co, 60 E 42 St, N Y 17
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

BENZAL CHLORIDE (Benzylidene Chloride)

$C_6H_5CHCl_2$. M.W. 161.03. Colorless, oily liq. B.P. 207°C. Sp. gr. 1.51 at 15°C. Insol. in water, but sol. in organic solvents. Uses—mfr. of dyestuff intermediates and irritant gases for chemical warfare.

● Pkg—5, 13 gal. carboys.

*Edward S Burke, 65 Pine St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Nigara Falls, N Y
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

BENZALDEHYDE (Artificial Oil of Almonds, Benzoic Aldehyde, Benzoyl Hydride, Benzene Carbonal, Benzene Methylal)

$C_6H_5CH{:}O$. M.W. 106.05. Colorless liq., fragrant odor. Sp. gr. 1.045 (25°C). M.P. —56.0°C. B.P. 179.5°C. Sol. alcohol, ether. Uses—mfr. intermediates, synth. pharmaceuticals, benzoic acid, cinnamic aldehyde, triphenylmethane dyes, malachite green, acridine dyes, flavoring compounds, baked products, toilet preps., photographical chemicals; substitute for natural oil of bitter almonds; soap ingredient; in medicine. Grades—N.F.; tech.; free from chlorine.

● Pkg—25, 50 lb. tins, 100 lb. carboys, 425, 450 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PORCEL Hard, highly adsorbent, large-surface-area activated bauxites utilizing either foreign or domestic ores. Supplied in various standard meshes, moisture contents, and in regular, low iron or low silica grades.

Recommended generally as an adsorbent, catalyst and catalyst carrier. Used widely as a lubricating oil and wax percolating medium, vapor phase desulphurization catalyst, aluminum chloride catalyst support and trap, refining medium for sugar liquors, and as an agent for the removal of fluoride contaminants from hydrocarbon streams.

ATTAPULGUS Minerals & Chemicals Corporation

Sales Agents

210 West Washington Square, Philadelphia 5, Pa.

Cable Address: "ATTACLAYCO"

Highest Quality



COLLOIDAL BENTONITE

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All Commercial Forms

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Granules to Airfloated Powders



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Mississippi • Non-Swelling

BC Volclay
Impalpable Dust—
Finest Made

KWK Volclay Pellets
Quickly Dispersible in Water

American Colloid Company

PRODUCERS OF HIGHEST QUALITY BENTONITE SINCE 1927

Merchandise Mart Plaza
Chicago 54
Illinois

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

FINE HEYDEN CHEMICALS

benzaldehyde

N.F. (F.F.C.) and TECHNICAL

BENZYL CHLORIDE
BENZOYL CHLORIDE
BENZOTRICHLORIDE
BENZOATES
BENZOIC ACID
CHLOROTOLUENES

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Chloro and Dichloro Derivatives

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(TECHNICAL)
HIGH GAMMA LINDANE
DDT • 2,4-D
2,4,5-T

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BHC
14-16%
fine powder

QUICK, SURE DELIVERY ... ANY QUANTITY
and
EXTRA HIGH GAMMA (80% BHC)
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Chemicals for industry & agriculture
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P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gane & Ingram, 43 W 16 St, N Y 11
Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Lack Chem Co, 19 Park Pl, N Y 7
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
George Uhe Co, 76 9 Ave, N Y 11
Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZAMIDE (Benzenecarbonamide, Benzoic Amide)

$C_6H_5CONH_2$. M.W. 121.06. White cryst. powd. M.P. 130°C. B.P. 290°C. Sol. water, alcohol.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BENZAZINE see Quinoline

BENZAZOL see Indole

BENZENE see Benzol

BENZENECARBON NITRILE see Benzonitrile

BENZENE CARBONAL see Benzaldehyde

BENZENE CHLORIDE see Monochlorobenzene

BENZENE DIBROMIDE see p-Dibromobenzene

1,2-BENZENE DICARBONYL CHLORIDE see Phthalyl Chloride

BENZENE DICHLORIDE see Dichlorobenzene (Mixed)

1,2-BENZENEDIOL see Pyrocatechol

1,3-BENZENEDIOL see Resorcinol

BENZENE HEXACHLORIDE (1,2,3,4,5,6. Hexachlorocyclohexane)

$C_6H_6Cl_6$. M.W. 290.87. White to gray-white crushed solid and powder. Grades—technical, various strengths gamma isomer—min. Uses—insecticides. ● Pkg—Bags, drums.

*S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
John A Chew, 60 E 42 St, N Y 17
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
Duff Chem Co, 342 Madison Ave, N Y 17
*Ethyl Corp, 100 Park Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Frontier Chem Co, 321 W Douglas, Wichita, Kan
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
International Commodities Corp, 11 Mercer St, N Y 13
*International Sellinq Corp, 122 E 42 St, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
John Powell & Co, 1 Park Ave, N Y 16
Republic Chem Corp, 94 Beekman St, N Y 38
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson-Hayward Chem Co, 2915 Southwest Blvd Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

BENZENE HEXAHYDRIDE see Cyclohexane

BENZENE METHYLAL see Benzaldehyde

BENZENE PHOSPHORUS DICHLORIDE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BENZENE PHOSPHORUS OXYDICHLORIDE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BENZENE PHOSPHORUS THIODICHLORIDE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
National Powder Co, Eldred, Pa
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BENZENE SULFONIC CHLORIDE see Benzene Sulfonyl Chloride

BENZENE SULFONYL CHLORIDE (Benzene Sulfonic Chloride)

$C_6H_5SO_2Cl$. M.W. 173.57. Amber-colored liq. Uses—prep. of benzenesulfonic acid esters and amides; intermediate in prep. of dyestuffs, pharmaceuticals, resins.
● Pkg—Drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Wyandotte Chem Corp, Wyandotte, Mich

BENZENE TETRAHYDRIDE see Cyclohexene

BENZENETRIOL DIHYDROXYPHENOL see Phloroglucinol

BENZENONE see Quinone

BENZHYDROL

$C_6H_5CHOHC_6H_5$. M.W. 184.2. Colorless to pale yellow crystalline solid. Uses—intermediate in organic synthesis, prep. of antihistamines, prep. of seasickness preps., preservative.
● Pkg—100 lb. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Trubek Labs, State Hway #17, E Rutherford, N J

BENZIDAM see Aniline

BENZIDINE (Benzidine Base, p-Diaminodiphenyl, Bianiline)

$(C_6H_4)_2(NH_2)_2$. M.W. 184.11. White or reddish-gray cryst. or powd. M.P. 128.7°C. Sol. alcohol, ther, sl. sol. water. Uses—mfr. intermediates, organic chemicals, synth. drugs and perfumes, diazo colors and benzidines; as blood detector; stain in microscopy. Grades—tech. paste; powd., 80-85% (sold on basis of 100%).
● Pkg—Custom packed.
*Amend Drug & Chem Co, 117 E 24 St, N Y 10
American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
Sterone Corp, 250 W 57 St, N Y 19

BENZIDINE BASE see Benzidine

BENZIDINE HYDROCHLORIDE

$C_{12}H_{12}N_2{\cdot}2HCl$. M.W. 257.04. White cryst. Sol. alcohol, water. Uses—quantative determination of sulfates; reagent for metals; blood detection.
● Pkg—Custom packed.
*American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
*Carwin Co, Stiles Lane, N Haven, Conn
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Fine Organics, 211 E 19 St, N Y 3
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Kingston Chem Co, 15 William St, N Y 5
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

BENZIDINE SULFATE (p-Diaminodiphenyl Sulfate)

$C_{12}H_{12}N_2H_2SO_4$. White crystalline powd. Sol. alcohol, ether; sl. sol. water. Uses—mfr. intermediates, synth. drugs, perfumes and dyes. Grades—tech.; paste.
● Pkg—Custom packed
J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17

BENZIDINE YELLOW

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del

BENZENE HEXACHLORIDE

formulated as

"TRI-6"*

TRI-6 WE-10 . . .
1.0 Gamma isomer BHC per Gallon

TRI-6 50 W . . .
5% Gamma isomer BHC per Gallon

TRI-6 120 W . . .
12% Gamma isomer BHC per Gallon

*Trademark Registered



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KANSAS CITY 8, MISSOURI

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Samples and data available upon request

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WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives
DDT • BHC Other Organic and Inorganic Chemicals

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

BENZENE

Benzene derived from petroleum and meeting ASTM Specification D-836-47

USEFUL FOR

- The PRODUCTION of styrene, phenol, detergent alkylate, aniline, insecticides and many other chemical derivatives.
- As a SOLVENT in a wide variety of applications.

Write or phone for further information

Be sure to specify

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Peerless

Benzol 1°-2°
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HiFlash Naphtha
Alcohols—Alkalies
Petroleum Solvents

New York New England
and Export
Drumming Packaging
Liquid Storage and Transport

Peerless Oil & Chemical Corp.
Long Island City, 1, N. Y.
Tel. STillwell 4-8960
"A Carey Bros. Industry"

U·S·S Benzol

One Degree Benzol
A.S.T.M. Specification D835-50

Two Degree Benzol
A.S.T.M. Specification D836-50

Tank-car quantities

UNITED STATES STEEL CORPORATION
525 WILLIAM PENN PLACE, PITTSBURGH 30, PA.

COAL CHEMICALS

UNITED STATES STEEL

BENZOL
TOLUOL • XYLOL
HI-FLASH SOLVENT
and other
Aromatic Solvents

Barrett®

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

*Reg. U. S. Pat. Off

BENZIDINE YELLOW, continued

*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*New York Color & Chem Co, 374 Main St, belleville 9, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Zinsser & Co, Hastings-on-Hudson, N Y

BENZIL

● Pkg—100 lb drums

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BENZINE (Petroleum Ether, Benzoline, Petroleum Naphtha, Canadol, Benzinum Purification)

Mixture of hydrocarbons, principally CH. Colorless liq. Sp. gr. tech. 0.730-0.750 (15°C.). B.P. tech. 80°-130°C. Sol. alcohol, benzene, chloroform, ether; insol. water. Uses—mfr. detergent soaps, printing and lithographic inks, rubber cements, paint and varnish removers; extracting perfumes; general solvent; solvent for oils, fats, greases, inks, rubber; extracting fats and oils; diluent in varnishes, paints and lacquers; linoleum and oil-cloth water-proofing agent; degreasing and cleaning textiles; as fuel and illuminant; degreasing machines and hides; cleaning gloves, etc. Grades—C.P.; U.S.P.; tech.; pure.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J

BENZINOFORM see Carbon Tetrachloride

BENZINUM PURIFICATION see Benzine

BENZOCAINE see Ethyl p-Aminobenzoate

BENZOCARBONYL CHLORIDE see Benzoyl Chloride

BENZOFURANE RESIN see p-Coumarone

BENZOIC ALDEHYDE see Benzaldehyde

BENZOIC ANHYDRIDE

$(C_6H_5CO)_2O$. M.W. 226.08. White cryst. powd. with faint odor. M.P. 43°C. Sol. alcohol, ether, toluene Uses—as benzoylating agent in mfr. of dyes and pharmaceuticals.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

BENZOIC ETHER see Ethyl Benzoate

BENZOIN

$C_6H_5COCHOHC_6H_5$. M.W. 212. Uses—preservative.
● Pkg—100 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Benzol Products Co, 237 South St, Newark 5, N J
*Alfred D' Brown Associates, 59 Pearl St, N Y 4
*Edward S Burke, 65 Pine St, N Y 5
Dalton-Cooper, 200 W 34 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fritzsche Bros, 76 9 Ave, N Y 11
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10

BENZOIN RESIN see Gum, Benzoin

a-BENZOINOXIME (Cupron)

White cryst. M.P. 153-155°C. Uses—reagent.
● Pkg—Drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

BENZOL (Benzene, Coal Naphtha, Phenyl Hydride, Cyclohexatriene, Phene)

C_6H_6. M.W. 78.05. Colorless liq. Sp.gr. 0.879 (20 C). M.P. 5.4°C. Flash point 15°C. B.P. 79.6°C. Sol. alcohol, ether; insol. water. Color, min., 21 saybolt. Uses—mfr. phenol, nitrobenzene, synth. drugs and perfumes, phenacetin, antipyrin, salicylic acid, saccharin, intermediates, organic chemicals, indigo dyes, picric acid, shoe polishes, blackings, spreading compounds, splicing solutions, dry cleaning preps., paint removers, airplane dopes, varnishes, lacquers, photographic developers, rubber cements, textile soaps; cleansing textiles; preserving textile sizes; as solvent for and extracting waxes, resins fats and oils; solvent ink, celluloid and rubber; enriching gas; in cements; degreasing glue stock; solvent in making artificial leather; as disinfectant; engraving and lithography; knock inhibitor in gasoline; in medicine. Grades—pure; 90% (distilling below 100°C) crude; straw color; C.P.; U.S.P.

● Pkg—5, 55, 100 gal. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Trading Co, 233 Broadway, N Y 7
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Calco Chem Div, Bound Brook, N J
Chematar, Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Cole Labs, 42-25 9 St, L I C 1, N Y
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Cornwell Chem Corp, 24 E 38 St, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everet 49, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
William S Gray & Co, 342 Madison Ave, N Y 17
*Inland Steel Co, 38 S Dearborn St, Chicago 3, Ill
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
International Selling Corp, 122 E 42 St, N Y 17
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
Kingston Chem Co, 15 William St, N Y 5
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
L J & M La Place, Lellarts Lane, E Paterson, N J
Servis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis
Mutchler Chem Co, 258-259 Broadway, N Y
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Shell Oil Co, 50 W 50 St, N Y 20
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

BENZOLINE see Benzine

BENZONAPHTHOL

(b-Napthol benzoate) $C_6H_5COOC_{10}H_7$; M.W. 248.05 White crystalline powd., odorless, tasteless, darkens with age: M.P. 110°C Sol. freely in hot alcohol chloroform; almost insol. in water. Uses—in medicine

● Pkg.—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Falick Products Co, 163 Broadway, N Y 6
*Fisher Chem Co, 220 E 42 St, N Y 17
Legion Chem, 70 Wall St, N Y 5
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Nepera International Corp, 37 Wall St, N Y 5
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BENZONITRILE (Phenyl Cyanide, Cyanbenzene, Benzenecarbon Nitrile)

C_6H_5CN. M.P.—131°C. Colorless or sl. yellowish inflammable liq., odor oil of almonds. Sp. gr. 1.00 B.P. 190°C. Uses—in organic synthesis.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lack Chem Co, 19 Park Pl, N Y 7

BENZOPHENONE (Diphenyl Ketone, Benzoylbenzene)

$C_6H_5CO.C_6H_5$. Colorless prisms. Sp. gr. 1.098 (50°C.) M.P. 48°C. B.P. 306°C. Sol. alcohol, ether. Uses—mfr. intermediates, synthesis drugs, perfumes and dyes in medicine. Grades—tech.

● Pkg—Drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

O&C

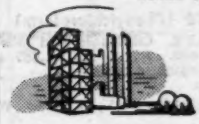
BENZOL

XYLOL

TOLUOL

SOLVENT NAPHTHAS

Manufactured in our Houston Texas (Galena Park) plant



OIL & CHEMICAL PRODUCTS INC.

NEW YORK: 295 Madison Avenue

HOUSTON: City National Bank Building

KAY-FRIES

benzophenone

perfume and "intermediates" grades

American-British Chemical Supplies, Inc.

Selling Agents for

KAY-FRIES CHEMICALS, INC.

180 MADISON AVENUE

NEW YORK 16, N. Y.

MUrray Hill 6-0661

BENZOL

ALL GRADES AND OTHER CHEMICALS, SOLVENTS AND COAL TAR PRODUCTS

REPUBLIC CHEMICAL CORP.

94 Beekman Street, New York 38

Cable Address: Jaynivrad

REPUBLIC CHEMICAL CORPORATION SYMBOL OF QUALITY

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

BENZOPHENONE OXIDE see Xanthone

BENZOPYRONE see Coumarin

BENZOPYRROL see Indole

BENZOQUINOLINE

● Pkg—Bottles.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

BENZOQUINONE see Quinone

2-BENZOTHIAZYL-N,N-DIETHYLTHIO-CARBAMYL SULFIDE

*Sharples Chem, 123 S Broad St, Phila 9, Pa

BENZOTRIAZOLE

White to off-white fluffy powd. Uses—synthesis; analytical reagent for copper; anti-fogging agent in photography.

● Pkg—Bottles, 25, 50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
L B Russell Chem, 60 Orange St, Bloomfield, N J

BENZOTRICHLORIDE (Phenylchloroform)

$C_6H_5C.Cl_3$. M.P. —4.8°C. Colorless to light yellow liq. having a pungent odor. Sp. gr. 1.375-1.385 at 15½°/15½°C. Uses—organic syntheses.

● Pkg—140 lb. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

BENZOTRIFLUORIDE (α-Trifluorotoluene, Phenyl Fluoroform)

$C_6H_5CF_3$. M.W. 146. Water-white liq. aromatic odor. Completely miscible with most solvents. Uses—intermediates, transformer and dielectric fluids; medicinals; insecticides; other organic synth.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

BENZOYLBENZENE see Benzophenone

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

BENZOYL CHLORIDE (Benzocarbonyl Chloride, Chlorobenzaldehyde)

C_6H_5COCl. M.W. 140.5. Colorless prisms. Sp.gr. 1.211. M.P. —0.8°C. B.P. 196°C. Sol. ether, carbon disulfide. Decomp. water, alcohol. Uses—mfr. intermediates, synth. drugs and perfumes, condensation products with indigo. Grades—tech.; pure; redistilled; C.P.

● Pkg—5, 13 gal. carboys, 55 gal. drums.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

BENZOYL HYDRIDE see Benzaldehyde

BENZOYL PEROXIDE (Benzoyl Superoxide, Lucidol)

$C_{14}H_{10}O_4$. White, crystalline powd. M.P. 105°C. Sol. benzene, alcohol; sl. sol. ether. Uses—mfr. organic chemicals; as bleaching agent for flour, fats, oils and waxes; in medicine. Grades—80% paste.

● Pkg—Cartons, bottles, cases.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
Chemical Mfg Co, 444 Madison Ave, N Y 22
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
McKesson & Robbins, 155 E 44 St, N Y

BENZOYL SUPEROXIDE see Benzoyl Peroxide

BENZYL ACETATE

$C_9H_{10}O_2$. M.W. 150.08. Colorless liq., flowery odor. Sp. gr. 1.057 (16°C). B.P. 213.5°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. fruit essences, perfumes, toilet preps., cosmetics, fine toilet soaps, cellulose acetate, nitrate; as solvent in airplane dopes. Grades—tech.; pure.

● Pkg—Custom packed.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gane & Ingram, 43 W 16 St, N Y 11
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYLBENZENE see Diphenyl Methane

BENZYL BENZOATE

$C_6H_5COOC_6H_5CH_2$. M.W. 212.09. Colorless liq., pleasant odor. Sp. gr. 1.083-1.12 (25°C). M.P. 18.5° C. B.P. 324°C. Sol. alcohol, ether. Uses—fixative for flavors; solvent for dopes and artificial musk; neutral fixative; substitute for camphor in celluloid and plastic pyroxylin compounds; flavor in confectionary and chewing gums; in medicine. Grades—tech.; pure. (medicinal).

● Pkg—5 lb. bottles, 25, 45 lb. cans/case, 50 lb. tins, 45, 125, 475, 500 lb. drums, 100 lb. carboys.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Philip Bauer Co, 608 5 Ave, N Y 20
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL BUTYRATE

$C_6H_5CH_2CO_2CH_2C_6H_5$. Colorless liq. Insol. water; very sol. alcohol, ether.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL CARBINOL see Alcohol, Phenyl Ethyl

o-BENZYL-p-CHLOROPHENOL

$C_6H_5CH_2C_6H_4ClOH$. M.W. 218.7. Colorless, crystalline solid. Uses—mfr. of disinfectants.

● Pkg—22, 55 gal. drums.

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

BENZYL CHLORIDE (Chlorotoluene, Chlorotoluol)

$C_6H_5CH_2Cl$. M.W. 126.51. Colorless liq., unpleasant odor. Sp. gr. 1.103 (18°C). M.P. —39°C. B.P. 179.4°C. Sol. alcohol, chloroform, ether; insol. water. Uses—mfr. intermediates, organic chemicals, benzaldehyde; benzoic acid, esters, salts, perfume esters, synth. drugs,

BENZOYL PEROXIDE
and other organic peroxides
STOCKS IN METROPOLITAN NEW YORK
CHICAGO • HOUSTON • LOS ANGELES
CHEMICAL DEPARTMENT
McKESSON & ROBBINS
INCORPORATED
NATIONWIDE DISTRIBUTORS OF HEAVY AND FINE CHEMICALS

MONSANTO
BENZYL BENZOATE, U.S.P.
Essentially colorless liquid having pleasant odor; crystallizing point, 18.3°C. min.; specific gravity at 25°/25°C., 1.116-1.120; chlorine content, 0.04% max.
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO CHEMICALS—PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

basic dyes, photographic developers, artificial resins; in medicine. Grades—tech. 95%; redistilled; C.P.
●Pkg—45, 100, 105, 115 lb. carboys, 425, 450, 475 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

O-BENZYL-para-CHLOROPHENOL, TECHNICAL

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

BENZYL CINNAMATE

$C_6H_7O_2$. C_7H_7; mol. wt. 238.11; white cryst.; aromatic odor. M.P. 39°. Sol. in alcohol; insol. in water. Uses—artificial flavors; in perfumes.
●Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL CYANIDE (Benzylnitrile, Phenyl Acetonitrile, α-Tolunitrile)

$C_6H_5CH_2CN$. M.W. 117.14. Colorless to amber liq.; aromatic oder. B.P. 234°C. Uses—intermediate in mfr. of fine organic chemicals.
●Pkg—100 lb. carboys, 450 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J

BENZYL ETHER see Ether, Dibenzyl

BENZYL FORMATE

$HCO_2.CH_2.C_6H_5$. M.W. 136.06. Colorless liquid. Sol. alcohol; miscible ether; insol. water. Sp. gr. 1.081. B.P. 203°.
●Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL p-HYDROXY BENZOATE

$HO.C_6H_4CO_2C_7H_7$. White powd. M.P. 110°. Sol. alcohol, ether; insol. water.
●Pkg—25, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BENZYLIDENE CHLORIDE see Benzal Chloride

BENZYL b-METHYL UMBELLIFERONE

●Pkg—50 lb. drums.
*Carlisle Chem Works, West St, Readine 15, Ohio

BENZYLNITRILE see Benzyl Cyanide

p-BENZYLPHENOL

●Pkg—100 lb. drums.
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

BENZYL PROPIONATE

$C_6H_5CH_2OOC.C_2H_5$. M.W. 164 Colorless liq. Uses—jasmine compounds.
●Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL SALICYLATE

HO. C_6H_4. $COOCH_2$. C_6H_5. M.W. 228.10; Colorless, thick, liq., slight, pleasant odor. Sp. gr. 1.175^{20}. B.P. 208°C. Sl. sol. in water; miscible with alcohol or ether. Uses—as fixer in perfumery; in "sun screen."
●Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Simpson Labs Div, 120 Wall St, N Y 5
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BENZYL SUCCINATE

$C_7H_7O_2C(CH_2)_2COOH$. M.W. 208.22. Crystalline solid. Sol. alcohol, ether; insol. water. M.P. 59°C. Uses—in medicine as antispasmodic.
●Pkg—Drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BENZYL SULFIDE (Dibenzyl Sulfide)

$(CH_2.C_6H_5)_2S$. M.W. 214.17. Colorless plates. M.P. 49°C. Insol. water; sol. alcohol, ether.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

BENZYL THIOCYANATE

●Pkg—525 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

BENZYLTRIMETHYLAMMONIUM CHLORIDE

$C_6H_5CH_2(CH_3)_3NCl$. M.W. 196. Sol. water. Uses—catalyst in resin mfr.
●Pkg—1, 5, 55 gal. drums.

*Chemical Development Corp, Endicott St, Danvers, Mass
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

BERYL (Beryllium Aluminum Silicate)

A mineral. $3BeO.Al_2O_3.6SiO_2$; hex. grn. Sp. gr. 2.63-2.91; hardens 7.5-8.0; M.P. 1410°C. ±100. Uses—mfr. beryllium and beryllium salts, gem stones (emerald).

MONSANTO
SANTOPHEN 1 GERMICIDE
(ortho-Benzyl-para-chlorophenol, Tech.)

Specifications: White to light tan or pink flakes; crystallizing point 45.0°C. min.; Sp. Gr. 1.202-1.206 at 55°/55°C.; free acidity (as HCl) 0.01% max.; odor slight phenolic max.

Also available as Santophen 1 Solution: 75% Santophen 1 by weight; 25% isopropanol.

An effective germicide with low toxicity to higher animals.

Santophen: Reg. U.S. Pat. Off.

MONSANTO CHEMICALS – PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri

SERVING INDUSTRY . . . WHICH SERVES MANKIND

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metallurg, Inc, 100 Park Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

BERYLLIUM ALUMINUM SILICATE see Beryl

BERYLLIUM CARBONATE, BASIC

●Pkg—Bottles.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*City Chem Corp, 132 W 22 St, N Y 11
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

BERYLLIUM CHLORIDE

$BeCl_2$. M.W. 79.93. White cryst. Very deliq. Sp. gr. 1.899 @ 25°C. M.P. 440°C. B.P. 520°C. Sol. water, alcohol, benzene, ether.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

MONSANTO
BENZYL CHLORIDE

Specifications: Clear to slightly turbid, colorless to yellow liquid; Sp. Gr. 1.105-1.110 at 15.5°/15.5°C. Distillation range: first drop 177.5°C. min.; 95% (1-96 ml) 3.0°C. max.; dry point 185.0°C. max.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division,
St. Louis 1, Missouri

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO CHEMICALS – PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



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Samples Upon Request

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SMELTING & REFINING WORKS, INC.
322 BELMONT AVENUE • BROOKLYN 7, N. Y.

BERYLLIUM FLUORIDE (Glucinum Fluoride)

BeF_2. M.W. 47.02. Sp. gr. 1.986. M.P. 800°C.
● Pkg—Drums.
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

BERYLLIUM HYDROXIDE

$Be(OH)_2$. M.W. 43.04. White, amorp. powd. Sol. acids. Uses—beryllium compounds; bonding material and addition agent.
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio

BERYLLIUM, METAL

Be. Non-corrodible, grayish-black metal in hexagonal cryst. Related to magnesium group. Sp. gr. 1.85 (20° C). M.P. 1350°C. Sol. acids, alkalies. Uses—mfr. alloys to impart strength and hardness, particularly aluminum alloys; mfr. beryllium salts.
● Pkg—Drums.
*J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Industrial Sales Corp, 500 5 Ave, N Y 36
*International Selling Corp, 122 E 42 St, N Y 17
Nopel Corp, 2 Broadway, N Y 4
*Variacoid Chem Co, 116 Broad St, N Y 4

BERYLLIUM NITRATE (Glucinum Nitrate)

$Be(NO_3)_2 \cdot 3H_2O$. M.W. 187.08. White to sl. yellowish. Very deliq. M.P. 60°C. Decomp. 100°C. Sol. water, alcohol.
● Pkg—Drums.
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

BERYLLIUM OXIDE (Glucinum Oxide)

BeO. M.W. 25.02. Amorp. white powd. Sp. gr. 3.025. Infusible. Insol. water. M.P. 2570°C. Sold either fluffy or preshrunk. Uses—mfr. other beryllium salts. Grades—Commercial.
● Pkg—Drums.
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

BERYLLIUM SULFATE

$BeSO_4$. M.W. 105.08. Small, well-defined, colorless, tetragonal cryst. Uses—binding material in beryllium oxide refractories; in ceramics.
● Pkg—Drums.
*Brush Beryllium Co, 4301 Perkins Ave, Cleveland 3, Ohio
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

BETAINE HYDROCHLORIDE (Trimethylglycine Hydrochloride)

$C_5H_{11}O_2N.HCl$. M.W. 153.59.
● Pkg—Drums.
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of The Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gane & Ingram, 43 W 16 St, N Y 11
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr. Chicago 6, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 Venice Blvd, Los Angeles 19, Cal
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BIACETYL see Diacetyl

BIANILINE see Benzidine

BIANISIDINE see Dianisidine

BIBASIC CALCIUM PHOSPHATE see Calcium Phosphate, Dibasic

BICALCIC PHOSPHATE see Calcium Phosphate, Dibasic

BICYCLODECANE see Decahydronaphthalene

BIEBERITE see Cobalt Sulfate

BILIFULVIN see Bilirubin

BILIPHAEIN see Bilirubin

BILIRUBIN (Biliphaein, Bilifulvin, Cholepyrrin, Hematoidin)

Orange-red powd. Insol. water; sol; benzene, chloroform, carbon bisulfide, acids, alkalies. very sol. in alcohol, ether. Uses—organic reagent in analytical chemistry; in medicine.
● Pkg—Custom Packed
*Distillation Products Industries, 725 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

BINDERS, BRIQUETTE

Products of strong adhesive qualities, usually of coal-tar origin, that are employed in the briquetting of coal, charcoal, etc.
*Barrett Div, 40 Rector St, N Y 6
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

BINDERS, CORE

Oil preps. that impart strength and cohesion to the sand molds in foundry practice, to provide smoother working in the boxes, quicker drying in the oven, an easier shakeout, a reduction in the gas in the molds, and to prevent crusting.
*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crosby Chem, P O Box 32, De Ridder, La
*Dow Chem Co, Midland, Mich
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Monsanto Chem Co, Plastic Div, Springfield 2, Mass
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

BINDERS, HARDBOARD

*Acme Resin Corp, 1401 S Circle Ave, Forest Park, Ill
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Barrett Div, 40 Rector St, N Y 6
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd,
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

BINDERS, ROCKWOOL

*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Barrett Div, 40 Rector St, N Y 6
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reichhold Chem, 630 5 Ave, N Y 20
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

BINDERS, TANNING

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Burtonite Co, P O Box 7, Nutley 10, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Kem Products Co, 227-229 High St, Newark 2, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

BINDERS, TEXTILE

Products employed in finishing processes to give adhesion and a certain degree of stiffness to the cloth; usually formulated from certain gums, particularly locust bean, karaya and tragacanth.
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Burtonite Co, P O Box 7, Nutley 10, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Scher Bros, 519 Getty Ave, Clinton, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

BIPHENYL see Diphenyl

2,2'-BIPYRIDINE see Dipyridyl

2,2'-BIPYRIDYL see Dipyridyl

BISMUTH CARBONATE (Bismuth Subcarbonate; Bismuth Carbonate, Basic)

$(Bi_2O_2CO_3)_2 \cdot H_2O$; white, odorless powder; Sp. gr. 6.86 Insol. in water or alcohol; sol. in mineral acids in conc. acetic acid. Uses —in medicine; face powd.
● Pkg—1, 5, 25, 100, 150, 200, 250 lb. drums.
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Rosenthal Bercow Co, 25 E 26 St, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

BISMUTH CHLORIDE (Bismuth Trichloride, Bismuthous Chloride)

$BiCl_3$. M.W. 315.37. White, crystalline, deliq. powd. Sp. gr. 4.75. M.P. 230-2°C. B.P. 447°C. Sol. acids; insol. alcohol. Decomp. in water. Uses—mfr. bismuth salts. Grades—C.P.; tech.
● Pkg—Custom Packed.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St. Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BISMUTH CHLORIDE, BASIC see Bismuth Oxychloride

BISMUTH HYDRATE see Bismuth Hydroxide

BISMUTH HYDROXIDE (Bismuth Hydrate)

$Bi(OH)_3$. M.W. 260. White to yellowish-white amorp. powd. Insol. water; sol. acids.
● Pkg—25 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BISMUTH IODIDE (Bismuth Triiodide)

BiI_3. M.W. 589.76. Black, heavy powd. Sp. gr. 5.70. M.P. 439° with decomp. Sol alcohol; insol. water. Uses—has been used in syphilis by intraven. injection.
● Pkg—Custom packed.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

BISMUTH IODOSUBGALLATE

Approx. $C_6H_2(HO)_3COO.Bi(OH)I$. M.W. 522. Dark gray, odorless, tasteless, bulky powd. Insol. water, alcohol, ether; sol. in solutions of alkali hydroxide; decomposed by acids. Protect from light. Uses—antiseptic.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

BISMUTH, METAL

Bi. Grayish-white brittle metal with reddish tinge. Natural and mfr. Sp. gr. 9.78 (20°C). M.P. 271°C. B.P. 1420°C. Sol. aqua regia; insol. water. Uses—mfr. bismuth salts, porcelain and stoneware pigments, bismuth pharmaceuticals, alloys, bearing metals, metal for dental work; tempering baths for steel; silvering amalgams. Grades—C.P.; tech.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Charles Gitlan & Co, 25 Beaver St, N Y 4
International Selling Corp, 122 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Nopel Corp, 2 Broadway, N Y 4
George F Smith, 60 E 42 St, N Y 17

BISMUTH NITRATE (Bismuth Trinitrate, Bismuth Ternitrate, Carnot's Reagent)

$Bi(NO_3)_3.5H_2O$. M.W. 485.10. Colorless solid; crystalline. Sp. gr. 2.83. B.P. decomp. at 30 to 80°C. Sol. alcohol, acetone. Uses—mfr. bismuth salts, luminous paints and enamels, bismuth pharmaceuticals; for bismuth lustre on tin. Grades—tech.; U.S.P.; C.P.
● Pkg—25, 300 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Poro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BISMUTH NITRATE, BASIC see Bismuth Subnitrate

BISMUTH OXIDE see Bismuth Trioxide

BISMUTH OXYCHLORIDE (Bismuthyl Chloride, Bismuth Subchloride, Pearl White, Cosmetic Bismuth, Basic Bismuth Chloride, Blanc d' Espagne, Blanc de Perle)

BiOCl. White powd. Sp. gr. 7.717. Melts at red heat. Sol. acids; insol. alcohol, water. Uses—mfr. face powd, toilet articles, artificial pearls; as paint pigment; in medicine. Grades—tech.; C.P.
● Pkg—Bottles, 25, 100, 150 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BISMUTH SALICYLATE

$Bi(C_7H_5O_3)_3$. M.W. 620.12. White powd. M.P. 135° C. Decomp. Uses—in medicine.
● Pkg—5 lb. cans, 25, 100 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Simpson Labs Div, 120 Wall St, N Y 5

BISMUTH SUBACETATE (Basic Bismuth Acetate, Bismuthyl Acetate)

Approx. BiO. CH_3COOO. M.W. 284. White powd.; sl. acetic odor. Insol. water; sol. hydrochloric and glacial acetic acid.
● Pkg—1, 5 lb. bottles, 25 lb. drums.

Bios Labs, 17 W 60 St, N Y 23
*City Chem Corp, 132 W 22 St, N Y 11
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

BISMUTH SUBCARBONATE (Bismuthyl Carbonate)

$Bi_2O_2CO_3.½H_2O$. White or yellowish powd. Odor, none; tasteless. Sp. gr. 6.86. Contains not less than 90% Bi_2O_3. Insol. water, alcohol; sol. mineral acids. Uses—in medicine; cosmetics; face powd. Grades—tech.; U.S.P.; C.P.; X-ray.
● Pkg—1, 5, 25, 100, 150, 200, 250 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

BISMUTH SUBCHLORIDE see Bismuth Oxychloride

BISMUTH SUBGALLATE

$C_6H_2(OH)_2COOBi(OH)_2$. M.W. 412.09. Odorless, tasteless, bright yellow powd. Sol. dil. alkalies, in hot mineral acids with decomp. Insol. water, alcohol, chloroform, ether. Use—in medicine.
● Pkg—1 lb. cans, 5, 25, 100, 175, 200 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BISMUTH SUBIODIDE

BiOI. Red powd. Uses—medicinal as antiseptic.
● Pkg—5 lb. bottles, 25 lb. jars.

J M Baird Co, 254 W 31 St, N Y 1
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11 N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

BISMUTH SUBNITRATE (Bismuthyl Nitrate, Bismuth White, Flake White, Spanish White, Magistery of Bismuth, Basic Bismuth Nitrate)

$BiONO_3H_2O$. White powd. Sp. gr. 4.928. Decomp. at 260°C. Sol. acids. Uses—mfr. bismuth salts, cos-

BISMUTH SALTS

- BISMUTH SUBNITRATE
- BISMUTH SUBCARBONATE
- BISMUTH SUBSALICYLATE
- BISMUTH SUBGALLATE
- BISMUTH OXIDE
- BISMUTH OXYCHLORIDE and many other BISMUTH COMPOUNDS.
- Special medicinal grades—also grades for specialized uses.

Send for price list and additional information.

Mallinckrodt®

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In Canada: Mallinckrodt Chemical Works, Ltd., Montreal—Toronto

BISMUTHS

- BISMUTH SUBNITRATE N.F.
- BISMUTH SUBCARBONATE U.S.P.
- BISMUTH SUBGALLATE N.F.
- BISMUTH OXIDE ANHYDROUS
- BISMUTH OXYCHLORIDE
- BISMUTH SUBSALICYLATE U.S.P.
- BISMUTH SALICYLATE

CHAS. PFIZER & CO., INC.
630 Flushing Ave., Brooklyn 6, N. Y.
425 N. Michigan Ave., Chicago 11, Ill.
1500 Sixteenth St., San Francisco 3, Calif.
4820 Loma Vista Ave., Vernon 58, Calif.
1151 Chattahoochie Ave., N.W., Atlanta, Ga.

Pfizer

Manufacturing Chemists for Over 100 Years

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

BISMUTH, SUBNITRATE, continued

metics, face paints, perfumery, face powd., toilet articles, porcelain enamels; for bismuth lustre on metals; in fluxes; in medicine. Grades—tech.; not less than 80% Bi_2O_3; C.P.; U.S.P.

●Pkg—1 lb. cans, 5, 25, 100, 200, 250 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Conray Products Co, 516 Ave of the Americas, N Y 11
*Falleck Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

BISMUTH SUBSALICYLATE (Oxysalicylate)

$C_6H_4(OH)COOBi(OH)_2$. M.W. 380.09. White microcryst., odorless, tasteless. Sol. acid & alkalies with decomp.; insol. water, alcohol, ether. Uses—in medicine.

●Pkg—5 lb. cans, 25, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Falleck Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 77 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

BISMUTH SULFATE

$Bi_2(SO_4)_3$. M.W. 760.18. White cryst., acid reaction. Sp. gr. 5.08. Decomp. by water or alcohol into basic salt; sol. acids.

●Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*City Chem Corp, 132 W 22 St, N Y 11

BISMUTH TERNITRATE see Bismuth Nitrate

BISMUTH TRI-BROMOPHENATE (Tribromophenol-Bismuth)

Approx. $BiOH.(C_6H_2Br_3O)_3.Bi_2O_3$. M.W. 1351.5. Yellow, almost odorless, tasteless powd. Insol. water, organic solvents. Uses—in medicine as intestinal antiseptic.

●Pkg—5 lb. bottles, 25 lb. jars.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
Bios Labs, 17 W 60 St, N Y 23
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6 ,N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

BISMUTH TRICHLORIDE see Bismuth Chloride

BISMUTH TRIFLUORIDE see Bismuth Fluoride

BISMUTH TRINITRATE see Bismuth Nitrate

BISMUTH TRIOXIDE (Bismuth Oxide, Bismuth Yellow, Flowers of Bismuth)

Bi_2O_3. Yellow powd. Sp. gr. 8.8. M.P. 820°C. Sol. acids. Uses—mfr. bismuth salts, red glass, ceramic colors; in medicine. Grades—tech.; C.P.

●Pkg—Bottles, 25 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

BISMUTH WHITE see Bismuth Subnitrate

BISMUTH YELLOW see Bismuth Trioxide

BISMUTHOUS CHLORIDE see Bismuth Chloride

BISMUTHYL CARBONATE see Bismuth Subcarbonate

BISMUTHYL CHLORIDE see Bismuth Oxychloride

BISMUTHYL NITRATE see Bismuth Subnitrate

BITTER SPAR see Dolomite

BITUMEN see Asphaltum

BIVINYL see Butadiene

BIXINE see Annatto

BLACK BALSAM see Balsam, Peruvian

BLACK CATECHU see Cutch

BLACK OXIDE of Manganese see Manganese Dioxide

BLACK PRECIPITATE see Mercurous Chloride

BLACK ROUGE see Iron Oxide

BLANC D'ESPAGNE see Bismuth Oxychloride

BLANC DE PERLE see Bismuth Oxychloride

BLANC FIXE (Precipitated Barium Sulfate, Synthetic Barytes, Synthetic Heavy Spar, Permanent White, Terra Ponderosa—see also Barium Sulfate)

$BaSO_4$. White powd. Uses—mfr. barium salts, special glass, lithographic and printing inks, cements, glazed and wall papers, paper hangings; as substratum for color lakes; in X-ray work; filler for white feather, linoleum, paints and varnish, paper, rubber and in making cloth; pigment and white lead substitute; substratum in making photographic paper. Grades—tech.; C.P.; U.S.P.

●Pkg—100 lb. bags.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halstead St, Chicago 13, Ill
Chemical Mfg Co, 444 Madison Ave, N Y 22
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 18, Del.
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Flie Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*National Lead Co, 111 Broadway, N Y 6
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17

BLASTING SUPPLIES

*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*Hercules Powder Co, 978 Market St, Wilmington 99, Del

BLEACH see Bleaching Powder

BLEACHES, FOOD

Preps. employed for such uses as bleaching flour, horseradish, cabbage, cauliflower, restoring the natural color to pickles, etc. Must be harmless and comply with federal, state and local pure food laws and regulations.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sterwin Chem, 1450 Broadway, N Y 18
*Virginia Smelting Co, W Norfolk, Va

BLEACHES, GASOLINE

Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Patent Chem, 335 McLean Blvd, Paterson 4, N J

BLEACHES, LAUNDRY

Products which tend to whiten and remove stains. Most commonly used is sodium hypochlorite or Javelle Water, usually sold on the basis of percentage of available chlorine. Other products, such as hydrogen peroxide, perborates, etc., are also used as bleaches in laundry work.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Brown Co, 150 Causeway St, Boston, Mass
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Monarch Chem Works, 22 & Ave H, E Omaha, Neb
Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
Republic Chem Corp, 94 Beekman St, N Y 38
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
G S Robins & Co, 126 Chouteau Ave, St, Louis 2, Mo
*E M Sergeant Pulp & Chem Co, 7 Dey St, N Y 7
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Vaughn Chem Co, 1102 E 3 St, Tulsa 3, Okla
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

BLEACHES, LEATHER

*Antara Chem Div, 435 Hudson St, N Y 14
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

BLEACHES, OIL

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
Pennsylania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa

BLEACHES, PAPER & PULP

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Brown Co, 150 Causeway St, Boston, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Oldbury Electro-Chemical Co, 19 Rector St, N Y 6
Pennsylania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
*Virginia Smelting Co, W Norfolk, Va
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

BLEACHES, TEXTILE

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Brown Co, 150 Causeway St, Boston, Mass
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*Hayden Chem Corp, 342 Madison Ave, N Y 17
N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marlowe-Van Loan Corp, 1511 Byrom St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
Pennsylvania Salt Mfg Co, 183 Widner Bldg, Phila 7, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Virginia Smelting Co, W Norfolk, Va
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

BLEACHES, WOOD

Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Damon Chem Co, Box 774, Alliance, Ohio
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave, SW, Grand Rapids 2, Mich
*Philadelphia Quartz Co, 1163 Public Ledger Bldg, Phila 6, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Seaboard Industries, 195 Keen St, Paterson, N J
*L R van Allen Co, P O Box 3610, Merchandise Mart Sta, Chicago 54, Ill

BLEACHING POWDER (Chloride of Lime, Chlorinated Lime, Calcium Oxychloride, Calx, Chlorinata, Bleach, Hypochlorite of Lime, Sodium Chlorohypochlorite)—see also Calcium Hypochlorite—see also Bleaches Laundry.

$CaCl(ClO).4H_2O$. White powd. chlorine odor. Decomp. on melting. Decomposed by water, alcohol. Uses—mfr. organic chemicals, intermediates, chloroform, deodorized germicides; as disinfectant; miscellaneous bleaching agent; bleaching cotton, linen, pulp, cotton for smokeless powd., fats and oils; purifying acetylene and water; tanning leather; sewage disinfectant; dry cleaning. Grades—35-37% active chlorine; tech.; U.S.P.

●Pkg—9 x 5 lb. cans/case, 15, 100, 300 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Barclay Chem Co, 75 Varick St, N Y 13
*Brown Co, 150 Causeway St, Boston 14, Mass
Chemical Service Corp, 82 Beaver St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Mutchler Chem Co, 258-259 Broadway, N Y
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11

BLEU D'AZURE see Smalt

BLEU DE SAXE see Smalt

BLOOD, DRIED

Reddish-brown, solid amorp. Natural. Uses—mfr. adhesives, animal charcoal, buttons, paints; as feed-stuff for hogs and chickens, fertilizer and ingredient of fertilizing compositions; clarifying sugar; water purifier; sewage precipitating agent; in medicine. Grades—15% ammonia; ground; unground.

●Pkg—100 lb. bags.

H J Baker & Bro, 600 5 Ave, N Y 20
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Swift & Co, Tallow Dept, Union Stock Yards, Chicago 9, Ill
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

BLOWING AGENTS, SPONGE RUBBER

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*General Mills, 400 2 Ave S, Minneapolis, Minn
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
*Wyandotte Chem Corp, Wyandotte, Mich

BLUE COPPERAS see Copper Sulfate

BLUE STONE see Copper Sulfate

BLUE VITRIOL see Copper Sulfate

BOILER COMPOUNDS

Products formulated to eliminate and prevent rust, congestion, corrosion, and scale formation in low and high pressure boilers, hot water supply and heating systems.

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Aquatrol, Inc, P O Box 12233, Houston 17, Tex
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Blockson Chem Co, Joliet, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
*Chemical Supply Co, 217-302 Railroad St, Neenah, Wis
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dowell, Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*E F Drew & Co, 416 Division St, Boonton, N J
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Feedwaters, Inc, 140 Cedar St, N Y 6
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*M C Supply Co, Box 321, Muskegon, Mich
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marathon Corp, Chem Div, Rothschild, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Perolin Co, 10 E 40 St, N Y 16
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Starr Mfg & Chem Co, 1193 E Franklin Ave, P O Box 383, Lima, Ohio
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Wasco Engrg Corp, 601 W 26 St, N Y 1
*Wyandotte Chem Corp, Wyandotte, Mich

BOILER FEED WATER TREATMENT

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Aquatrol Inc, P O Box 12233, Houston 17, Tex
*Blockson Chem Co, Joliet, Ill
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Feedwaters Inc, 140 Cedar St, N Y 6
*Johns-Manville, 22 E 40 St, N Y 16
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Perolin Co, 10 E 40 St, N Y 16
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Starr Mfg & Chem Co, 1193 E Franklin Ave, P O Box 383, Lima, Ohio
*State Mfg Co, 3545 E 76 St, Cleveland 5, Ohio
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Wasco Engrg Corp, 601 W 26 St, N Y 1
*Westvaco Chem Div, 161 E 42 St, N Y 17

BOILER TREATMENT

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Aquatrol Inc, P O Box 12233, Houston 17, Tex
*Blockson Chem Co, Joliet, Ill
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*Feedwaters Inc, 140 Cedar St, N Y 6
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Perolin Co, 10 E 40 St, N Y 16
*Starr Mfg & Chem Co, 1193 E Franklin Ave, P O Box 383, Lima, Ohio
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Wasco Engrg Corp, 601 W 26 St, N Y 1

BOIL-OFF COMPOUNDS, RAYON

Strictly there is no "boiling off" of rayon since no sericin or gum is present; however, some rayon is not delivered by the manufacturer to the dyer in the bleached state, and does contain oils used in twisting, winding, sizing, etc., and fats, etc., employed in mfr., so that the yarn must be scoured thoroughly. See Boil-Off Compounds, Textile; Detergents, Textile.

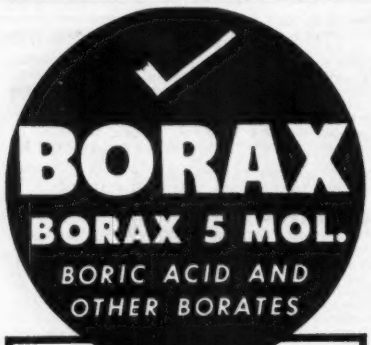
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

BOIL-OFF COMPOUNDS, SILK

Compounds for degumming silk, carefully adjusted to the proper pH for the rapid removal of the silk-gum without chaffing, tendering or otherwise damaging the fibre. See Boil-Off Compounds, Textile.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



BORAX Technical U. S. P. — Crystal, Granular, Powdered, Impalpable

Special Quality C. P. + — Granular, Powdered

BORAX
BORAX 5 MOL.
ANHYDROUS BORAX
BORAX GLASS
AMMONIUM BIBORATE
AMMONIUM PENTABORATE
POTASSIUM PENTABORATE
SODIUM METABORATE
ANHYDROUS RASORITE*
RASORITE SPECIAL CONCENTRATES
FERTILIZER BORATES*
(Regular and High Grade)

HERBICIDES

BORASCU*®
BORASCU-44*®
CONCENTRATED BORASCU*®
POLYBOR*®
POLYBOR-CHLORATE®
POLYBOR-CHLORATE 88®

*Sodium Borate Concentrates which offer economical sources of Sodium Borate for special applications.

INFORMATION, SAMPLES AND BULLETINS SENT PROMPTLY ON REQUEST

PACIFIC COAST BORAX CO.
DIVISION OF BORAX CONSOLIDATED, LIMITED
NEW YORK • CHICAGO
LOS ANGELES • CLEVELAND
PHILADELPHIA

MANUFACTURERS OF FAMOUS 20-MULE TEAM PACKAGE PRODUCTS

BOIL-OFF COMPOUNDS, SILK, continued

*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Mitchell Fels, 272-274 E Ashmeade St, Phila 44, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

BOIL-OFF COMPOUNDS, TEXTILE

Compounds prepared to boil out the gums, pectins, fats and waxes, etc., present in natural fibers and to prepare the goods for dyeing, mercerizing and finishing operations.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 133 Hudson St, N Y 13
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Freilinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City, 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

BOLUS ALBA see Clays, China

BONDING COMPOUNDS

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Chem Co, 5920 Carthagg Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

BONE ASH

Ash resulting from incineration of bones. Composed chiefly of calcium phosphate. Uses—making cupels used in assaying, for cleaning and polishing preps., ceramics, fertilizers.

● Pkg—Bags, bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
Elbert & Co, 2 Broadway, N Y 4
*English China Clays Sales Corp, 551 5 Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill

BONE BLACK (Animal Charcoal)—see also Carbon Activated

Black, solid amorp. Sp. gr. 2.7. Uses—mfr. blackings and polishes; decolorizing agent and filtering medium; cementation reagent; absorptive medium in gas masks; paint and varnish pigment; clarifying shellac; decolorizing and deodorizing paraffin and sugar; filtering, decolorizing and deodorizing water. Grades—tech.; various as to uses.

● Pkg—Bags, bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
Barclay Chem Co, 75 Varick St, N Y 13
*Binney & Smith Co, 41 E 42 St, N Y 17
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Stanley Doggett, Inc, 75 Varick St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
C J Osborn Co, 132 Nassau St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

BONE, GROUND AND MEAL

White, solid amorp. Natural. Insol. Sp. gr. 1.7-2.0. Uses—mfr. fertilizers. Grades—raw (4½, 5, 50%); steamed (3, 50%); flour.

● Pkg—100 lb. bags, bbls.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Dalton-Cooper, 200 W 34 St, N Y 1
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
T M Duché & Sons, 117 Hudson St, N Y 13
Elbert & Co, 2 Broadway, N Y 4
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
International Commodities Corp, 11 Mercer St, N Y 13
Kolon Trading Co, 15 Park Row, N Y 38
Mercer Chem Corp, 11 Mercer St, N Y 13
Riches-Nelson, 342 Madison Ave, N Y 17
*Swift & Co, Bone Meal Dept, Union Stock Yards, Chicago 9, Ill
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill

BORAX

● Pkg—100 lb. bags, 300 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Browning Chem Corp, 150 Broadway, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Croton Chem Corp, 114 Liberty St, N Y 6
De Bear, Inc, 636 11 Ave, N Y 36
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Esor Chem Co, 205 E 42 St, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
L B Russell Chem, 60 Orange St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Stanalchem, Inc, 350 Madison Ave, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 95 W 42 St, N Y 36
Welch, Holme & Clark Co, 439 West St, N Y 14

BORNEO CAMPHOR see Borneol

BORNEOL (Borneo Camphor, Bornyl Alcohol Baras Camphor, Malayan Camphor, Sumatra Camphor, Dihydroxy-camphene, Camphanol)

$C_{10}H_{17}OH$. M.W. 154.14. White, solid, amorp. and crystalline, camphor-like odor. Sp. gr. 1.011 (15°C) M.P. 208.6°C. B.P. 213.5°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. perfumes, pharmaceuticals intermediates, celluloid, organic chemicals, synth. camphor, borneolesters; in medicine. Grades—tech.; pure.

*Bios Labs, 17 W 60 St, N Y 23
Fritzsche Bros, 76 9 Ave, N Y 11
*Variacold Chem Co, 116 Broad St, N Y 4

BOROFORM see Acetylene Tetrachloride

BORON, AMORPHOUS

B; At. Wt. 1082; at No. 5; vol. 3; soft, brown powd. ignites in air. Sp. gr. 2.45. M.P. 2300°C. Unaffected by water, chlorine or bromine at ordinary temp. Sl sol. in water when freshly prepared and not strongly ignited. Uses—as positive pole in galvanic elements thermometers.

●Pkg—Custom packed.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
*Variacold Chem Co, 116 Broad St, N Y 4

BORON FLUORIDE-DIETHYL ETHER COMPLEX see Boron Fluoride Etherate

BORON FLUORIDE ETHERATE (Boron Fluoride-diethyl Ether Complex)

$BF_3:(C_2H_5)_2O$. M.W. 141.90. Straw color to tan liq. Uses—catalyst in polymerization, esterification and alkylation reactions.

●Pkg—5, 55 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

BORON NITRIDE

●Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

BORAX

TECHNICAL — U.S.P.

CRYSTAL • GRANULAR

POWDERED • IMPALPABLE

ANHYDROUS BORAX

•

BORIC ACID

•

BORATES



FOR EXPORT ONLY

The J. M. Baird Company

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Cable Address: JOMBAIRD, NEW YORK

Stauffer SINCE 1885

borax

Decahydrate ($Na_2B_4O_7 \cdot 10H_2O$)
Technical—USP
Pentahydrate ($Na_2B_4O_7 \cdot 5H_2O$)
Technical
Anhydrous ($Na_2B_4O_7$)
Technical
Borax Glass (30 mesh)

•

Boric Acid
Technical—USP

•

Sulphur **Potassium Nitrate**

STAUFFER CHEMICAL CO.

420 Lexington Ave., New York 17, N. Y. • 221 No. LaSalle St., Chicago 1, Ill. • 380 So. Main St., Akron 8, Ohio • 824 Wilshire Blvd., Los Angeles 14, Calif. 636 California St., San Francisco 8, Calif. • P. O. Box 7222, Houston 6, Texas • North Portland, Ore. Weslaco, Texas • Apopka, Florida

TRONA INDUSTRIAL AND AGRICULTURAL CHEMICALS



TRONA BRAND

Muriate of Potash	Boron Chemicals
Sulphate of Potash	Sodium Pentaborate
Soda Ash	Potassium Pentaborate
Salt Cake	Lithium Chemicals
Dessicated Sodium Sulphate	Bromine Chemicals

THREE ELEPHANT BRAND*

Borax, Technical
Boric Acid
Refined Pentahydrate Borax
Tronabor* (Crude pentahydrate borax)
Pyrobor† (Dehydrated borax, technical)

*Trade Mark Registered
†Trade Mark A. P. & C. C.

American Potash & Chemical Corporation

Offices • 3030 West Sixth Street, Los Angeles 54, California
122 East 42nd Street, New York 17, New York

Plants • Trona and Los Angeles

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

BROMINE & BROMIDES

CHEMICAL DEPARTMENT
McKESSON & ROBBINS
INCORPORATED
NATIONWIDE DISTRIBUTORS OF HEAVY AND FINE CHEMICALS

BORON TRICHLORIDE

BCl_3. M.W. 117. Colorless, fuming liq. Uses—catalyst; refining agent for aluminum, zinc and copper alloys; refrigerant in compression refrigerating machines.
● Pkg—1, 5, 50 lb. cylinders.

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

BORON TRIFLUORIDE

BF_3. M.W. 67.82. Colorless gas. Uses—catalyst.
● Pkg—Cylinders.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

BRAKE COMPOUNDS, HYDRAULIC

Barclay Chem Co, 75 Varick St, N Y 13
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Dow Chem Co, Midland, Mich
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Wyandotte Chem Corp, Wyandotte, Mich

BRAKE LINING SATURANTS

Preps. used as a bonding material with the asbestos base brake lining. Requirements are: exceptional strength and heat resistance, good frictional and wearing qualities.

American Polymer Corp, 103 Foster St, Peabody, Mass

BRASS POWDERS

● Pkg—Custom packed

*Belmont Smelting & Refining Wks, 322 Belmont Ave, Bklyn 7, N Y
*Magna Mfg Co, 4 Ave, Haskell, N J
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

BRAZILWOOD EXTRACT

Extract made from Brazilwood. Uses—dyeing textiles and leather. Grades—tech.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

BRAZING COMPOUNDS

Alloys of varying proportions of brass and zinc used as a solder.

*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

BREMEN BLUE see Copper Carbonate, Blue

BREMEN GREEN see Copper Carbonate

BRIGHTENERS, FLUORESCENT

*Anderson-Stolz Corp, 1731-1733 Walnut St, Kansas City 8, Mo
*Antara Chem Div, 435 Hudson St, N Y 14
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Calco Chem Div, Bound Brook, N J
*Carlisle Chem Works, West St, Reading 15, Ohio
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Edwal Labs, Ringwood, Ill
* B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Hill Bros Chem Co, 1525 S 28 St, San Diego 13, Cal
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y

BROACHING COMPOUNDS

Specially formulated lubricants used in machine shops, etc., for tapering, boring, smoothing operations, etc.

*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*W A Wood Co, 40 Oliver St, Boston 10, Mass

BROM CRESOL BLUE see Bromcresol Green

BROMCRESOL GREEN (Tetrabrom-m-Cresolsulfonphthalein, Brom Cresol Blue)

$C_{21}H_{14}Br_4O_5S$. M.W. 698. White to buff-colored crystalline powd. Sl. sol. water; sol. alcohol and alkali. Uses—pH indicator - pH range 4.0 (yellow) to 5.6 (blue).

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

BROMINE

Br_2. Reddish-brown, fuming liq. Sp. gr. 3.1883 (0°C). M.P. —7.3°C. B.P. 58.7°C. Sol. water, alcohol, ether, potassium, bromide, alkalies, carbon disulfide. Uses—mfr. bromides, hydrobromic acid, Prussian Blue, poison gases, tetraethyl gasoline dyes, pharmaceuticals; as battery depolarizer; disinfectant of rooms and buildings; oxidizing and brominating agent in making inorganic and organic compounds; extracting gold; in medicine. Grades—C.P.; U.S.P.; tech.
● Pkg—9 x 6½ bottles/case, 200 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 122 E 42 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Dow Chem Co, Midland, Mich
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Westvaco Chem Div, 161 E 42 St, N Y 17

N-BROMO ACETAMIDE

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

p-BROMOANILINE

$BrC_6H_4NH_2$. M.W. 172.03. Rhombic cryst. M.P. 63-64°C. Insol. water; sol. alcohol, ether.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

BROMOBENZENE (Bromobenzol, Monobromobenzene, Phenyl Bromide)

C_6H_5Br. Colorless liq. Sp. gr. 1.49528 (20°C). M.P. 30.6°C. B.P. 156.15°C. Insol. water; sol. alcohol, ether. Uses—mfr. intermediate chemicals, benzoic acid. Grades—tech.
● Pkg—5, 10 gal. cans, 55 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St, Louis, Mich
*Millmaster Chem Corp, 11 W 42 St, N Y 36

BROMOBENZOL see Bromobenzene

BROMOBUTANE see n-Butyl Bromide

a-BROMO-CAMPHOR see Camphor (Monobromated)

BROMOCHLORO PHENOL BLUE (Dibromodichlorphenolsulfonphthalein)

$C_{19}H_{10}Br_2Cl_2O_5S$. M.W. 581. White to pink crystalline powd. Uses—pH indicator - pH range 3.0 (yellow) to 4.6 (blue).

*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*National Aniline Div, 40 Rector St, N Y 6

1-BROMO-3-CHLOROPROPANE see Trimethylene Chlorobromide

BROMOCRESOL PURPLE (Dibrom-ortho-cresol-sulfonphthalein)

$C_{21}H_{14}Br_2O_5S$. M.W. 540.2. White to pink crystalline powd. Insol. water; sol. alcohol and alkali. Uses—pH indicator - pH range 5.2 (yellow) to 6.8 (purple).

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis

BROMOCYCLOHEXANE see Cyclohexyl Bromide

BROMODICHLORO METHANE

● Pkg—5 gal. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

BROMOFORM (Tribromomethane)

$CHBr_3$. M.W. 252.76. Colorless liq. or hex. cryst. M.P. 6-7°C. B.P. 149.5°C.
● Pkg—10, 20 x 5 lb. bottles/case, 5 gal. carboys.

American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Conray Products Co, 510 Ave of The Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Philip J Lo Bue Co, 277 Park Ave, N Y 17
McKesson & Robbins, 155 E 44 St, N Y
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Rosenthal Bercow Co, 25 E 26 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

a-BROMOISOVALERYLUREA

$(CH_3)_2CHCHBrCONHCONH_2$. M.W. 223. White almost tasteless crystalline powd. M.P. 147-149°C. Uses—pharmaceutical.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bilhuber-Knoll Corp, 377 Crane St, Orange, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Failek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*B L Lemke & Co, 199 Main St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Sumner Chem Co, 6 E 45 St, N Y 17

BROMOMETHANE see Ethyl Bromide and Methyl Bromide

1-BROMO-2-METHYLPROPANE see Isobutyl Bromide

2-BROMOPENTAME see Sec.—Butyl Bromide

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

2-BROMOPENTANE see Sec-Amyl Bromide

n-BROMOPENTANE see n-Amyl Bromide

BROMOPHENOL BLUE (Tetrabromphenolsulfonphthalein)

$C_{19}H_{10}Br_4O_5S$. M.W. 669. Pale orange or reddish crystalline powd. Uses—pH indicator - pH range 3.0 (yellow) to 4.6 (blue).
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis

2-BROMO-4-PHENYLPHENOL

$C_6H_5C_6H_3BrOH$. M.W. 249.0. Light-colored, crystalline solid with faint characteristic odor. B.P. (18 mm. with decomp.) 195-200°C. Sol. sodium hydroxide solutions, most organic solvents; insol. water. M.P. above 87.0°C. Uses—as a germicide.

*Dow Chem Co, Midland, Mich

2-BROMOPYRIDINE

BrC_5H_4N. M.W. 158.01. Liq. B.P. 193-194°C. Sl. sol. water
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Brothers Pharmacal Co, Orange, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Toelle Chem Co, R D 1, Box 75, Newton, N J

N-BROMOSUCCINIMIDE

$(CH_2\text{-}C{:}O)_2N\text{-}Br$. M.W. 178. White to pale buff, fine crystalline powd.; faint odor of bromine. Uses—brominating agent.
● Pkg—Custom packed.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
Philip J Le Bue Co, 277 Park Ave, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*National Aniline Div, 40 Rector St, N Y 6
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

2-BROMOTHIOPHENE

● Pkg—5 gal. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

BROMOTRIFLUOROMETHANE

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J M Baird Co, 254 W 31 St, N Y 1
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

BROMOTHYMOL BLUE (Dibromothymolsulfonphthalein)

$C_{27}H_{28}Br_2O_5S$. M.W. 624.3. Pink-colored crystalline powd. Uses—pH indicator - pH range 6.0 (yellow) to 7.6 (blue).

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

BROMOTRICHLOROMETHANE

● Pkg—5 gal. carboys.

*Dow Chem Co, Midland, Mich
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

BROMYRITE see Silver Bromide

BRONZE POWDERS

Mixture copper, zinc, tin, antimony. Varied colors. Uses—mfr. aluminum bronze, flashlight powd.; as chemical catalyst; pigment in lacquers and enamels; bronzing agent; coating paper; dusting powd. in printing. Grades—various as to color and fineness. Cont.—cases.
● Pkg—100, 200 lb. drums.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstaline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 322 Belmont Ave, Bklyn 7, N Y
Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Magna Mfg Co, 4 Ave, Haskell, N J
*Metals Disintegrating Co, P O Box 290, Elizabeth 8, N J
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

BRONZING LIQUIDS

Vehicles used for mixing with bronze powd. or paste and which provide the necessary medium for spreading and leafing the metallic pigment.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill

BROWN ACETATE see Calcium Acetate

BROWN IRON see Iron Oxide, Brown

BROWN SPAR see Dolomite

BRUCINE ALKALOID (Dimethoxy Strychnine)

$C_{23}H_{26}N_2O_4$. White cryst. M.P. 105°C.; hydrated 178°C. Sol. alcohol, chloroform; sl. sol. water. Uses—denaturing oils and alcohol; intermediate in organic syntheses.
● Pkg—25, 100 oz. cans.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
M W Hardy & Co, 141 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Inland Alkaloid Co, Tipton, Ind
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*E M Sergeant Pulp & Chem Co, 7 Dey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

BRUCINE SULFATE

$(C_{23}H_{26}N_2O_4)_2H_2SO_4 + 7H_2O$. Small white cryst. Sol. alcohol, water. Uses—denaturing oils and alcohol.
● Pkg—25, 100 oz. bottles.

American Roland Corp, 16 Hudson St, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Inland Alkaloid Co, Tipton, Ind
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

ARAPAHOE
TRADE + MARK
NBS
(N-Bromosuccinimide)
44.5% Min. Act. Br_2
Superior Quality and Absolute Uniformity Assure YOUR Satisfaction; Our Recovery Program Saves YOUR *Money!*
NBA
(N-Bromoacetamide)
57% Min. Act. Br_2
Stable and Uniform Economically Priced, Get Our *LOW BULK* Quotations. Both ARAPAHOE *NBS* and *NBA* are "Standards of the Industry".
ARAPAHOE CHEMICALS, INC.
2800 PEARL STREET
BOULDER, COLORADO

BRUCITE see Magnesium Hydroxide

BRUNSWICK GREEN see Copper Carbonate

BUFFING COMPOUNDS

Compounds applied to the buffs (disks of cloth or similar pliant materials) used in the buffing operation which follows the polishing operation on metals. Buffing usually is classified in two ways "cutting down" and "coloring." For the first, specially processed tripoli or emery and tallow are commonly employed, and for "coloring" aluminum oxide or chromium oxide compounds are popular. Other preps. are specially compounded with tripoli and chromium oxide, with pumice, emery and a machine oil, with soap-bark powder and water, with pumice and a grease-removing solvent; others contain lime.

*Buckingham Products Co, 14100 Fullerton Ave, Detroit 27, Mich
*Composition Materials Co, 25 W 43 St, N Y 36
*E F Drew & Co, 416 Division St, Boonton, N J
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Zophar Mills, 103 26 St, Bklyn 32, N Y

BURNISHING COMPOUNDS

*Composition Materials Co, 25 W 43 St, N Y 36
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Hughes Chem Supply Co, 1411 Fleet St, Baltimore 31, Md
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Oakite Products, 19 Rector St, N Y 6
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Eastman

n-butyl acetate

Rigid quality control assures the consistently high quality of Eastman n-butyl acetate. It is one of the most widely used medium-evaporating solvents for lacquers and is also employed as an extracting solvent in the artificial leather, perfume, flavoring and other industries.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

ONE OF THE WORLD'S LARGEST PRODUCERS OF ALCOHOLS & SOLVENTS

For n-Butyl Acetate call

PUBLICKER INDUSTRIES INC.
1429 WALNUT STREET, PHILADELPHIA 2, PA.

BURNT ALUM see Alum, Potash

BURNT SUGAR COLORING see Caramel

BUTADIENE (Bivinyl, Erythrene, Pyrrolylene, Vinyl-Ethylene, Divinyl)

CH_2:CHCH:CH_2. M.W. 54. Colorless, easily liquified gas. Uses—essential raw material in mfr. of synth. rubber.
● Pkg—Cylinders.

Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Dow Chem Co, Midland, Mich
*Enjay Co, 15 W 51 St, N Y 19
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
*Phillips Petroeum Co, Special Products Div. Bartlesville, Okla

BUTANDIONE see Diacetyl

BUTANE (Tetrane, Methylethyl Methane)

C_4H_{10}. M.W. 58.08. Colorless gas. Dens. 2.046 F.P. —135°C. B.P. 1°C. Insol water; sl. sol. alcohol. Uses—as an illuminating gas; enricher of illuminating gas; low boiling solvent; as refrigerant.
● Pkg—Cylinders.

*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Oil Co, 50 W 50 St, N Y 20
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

BUTANEDIOL see 2-3 Butylene Glycol

BUTANOL see Alcohol, n-Butyl

BUTENAL see Crotonaldehyde

BUTENE-1 (Butene, a-Butylene, Ethylethylene)

C_4H_8. M.W. 56.06. colorless gas. B.P. 50°C. M.P. —130°C. Insol. water; sol. alcohol.
● Pkg—Pint, quart, 1, 5, 16, 28 gal. Cylinders.

Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

BUTENE-2

$CH_3CHCHCH_3$ M.W. 56.06. Col. gas. Insol. water; sol. alcohol.
Pkg—Pint, quart, 1, 5, 16, 28 gal. Cylinder.

Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

2-BUTEN-1-OL see Alcohol, Crotyl

BUTOXYBUTANE see n-Ether, Butyl

BUTOXYETHYLDIGLYCOL CARBONATE

*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa

BUTOXY ETHYL STEARATE

● Pkg—1, 5, 55 gal. drums.

W W Angus, 220 Broadway, N Y 38
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

BUTTER OF ANTIMONY see Antimony Trichloride

BUTTER COLOR see Annatto

BUTTER OF ZINC see Zinc Chloride

BUTTERCUP YELLOW see Zinc Chromate

N-BUTYLACETANILIDE

$C_{12}H_{17}NO$=191.3. Yellowish liq. B.R. at 650 mm. Hg. 5.95%, 277-281°C. Sp. gr. at 25/25°C, 0.992; F.P. 20.8°C.; Refractive Index at 25°C., 1.513; Flash Pt. 141°C.; Fire Pt. 148°C. Uses—intermediate in syntheses and in tick repellent formulations.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

n-BUTYL ACETATE

$CH_3COOC_4H_9$. M.W. 116.09. Colorless liq. Purity 88 to 92% ester by wt. Sp. gr. 0.882 (20°C). B.P. 110-145°C. M.P. —76.8°C. Wt. per gal., 7.290 lbs. (20°C.). Miscible gasoline (60°). Be. and common organic solvents. Uses—mfr. nitrocellulose lacquers, artificial, patent and enameled leathers, coated paper, perfumes, photographic films, pyroxylin plastics, safety glass, synth. flavors; solvent camphor, mineral and vegetable oils, pitch, natural resins, synth. resins, gum rubber.
● Pkg—1 gal. bottles, 1, 5, 30, 54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Browning Chem Corp, 150 Broadway, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Williams S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*White Cross Labs, 79 Wall St, N Y

sec.-BUTYL ACETATE

$CH_3COOCH(CH_3)(C_2H_5)$. M.W. 116.09. Sp. gr. 0.875. (15°C). B.P. 112.2°C. Sol. alcohol. Uses—solvent; flavoring. Grades—tech.
● Pkg—54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Chemical Service Corp, 82 Beaver St, N Y 5
*Distillation Products Industries, 755 Ridge R W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem C, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

BUTYL ACETOACETATE

● Pkg—1 gal. cans.

J M Baird Co, 254 W 31 St, N Y 1

BUTYL ACETOXY-STEARATE

$C_{24}H_{44}O_4$. Avg. M.W. 390. Suggested uses: Plasticizer; textile oil; adhesives; specialties.

*Baker Castor Oil Co, 120 Broadway, N Y 5
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo

BUTYL ACETYL RICINOLEATE

Yellow, oily liq., mild odor. Miscible most common organic solvents. Sp. gr. 0.94 (20/20°C). Sap. N. 235. Saybolt test visc. 125sec. (100°F.). Practically insol. water. Dist. range 220-235°C. (93-5 mm mercury). Acidity approx. 5% calculated as ricinoleic acid. F.P. 110°C. Uses—plasticizer, emulsifier, lubricator, detergent. Grades—tech.
● Pkg—5 gal. cans, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

n-BUTYL ACID PHOSPHATE

●Pkg—13 gal. carboys, 525 lb. drums.

*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Seaboard Industries, 195 Keen St, Paterson, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BUTYL ACID PYROPHOSPHATE

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BUTYL ACRYLATE

●Pkg—1 gal. cans, 5, 55 gal. drums.

*American Monomer Corp, 511 Lancaster St, Leominster, Mass
Bios Labs, 17 W 60 St, N Y 23
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

n-BUTYLAMINE

$CH_3CH_2CH_2CH_2NH_2$. Sp. gr. at 20/20°C, 0.7385. B.P. 77.01°C; completely miscible with water; lb. per gal. at 20°C, 6.15. Has a characteristic ammoniacal odor, and with fatty acids forms soaps which show unusually high degree of solubility in hydrocarbons. It combines readily with acids, aldehydes, olefin oxides, chlorhydrins, and organic sulfur compounds, and is useful intermediate in making emulsifying agents, dyestuffs, rubber chemicals, flotation agents, corrosion inhibitors, and insecticides.

●Pkg—1 gal. cans, 5, 55 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 1035 S Broad St, Phila 9, Pa
*Sumner Chem Co, 6 E 4 5St, N Y 17

BUTYL-p-AMINO BENZOATE

●Pkg—Custom packed.

R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Polychemical Co, 494 Huntspoint Ave, N Y 59

N-n-BUTYL p-AMINOPHENOL

●Pkg—55 gal. drums.

*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn

n-BUTYLBENZENE

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

sec.-BUTYL BENZENE

$C_6H_5C_4H_9$. M.W. 134.60. Clear liq. B.P. 172.5° C. Uses—in nitration, oxidation, halogenation, hydrogenation, sulfonation, and dehydrogenation; in synthesis of dyestuffs and fine chemicals.

●Pkg—Pint, quart, gal. bottles.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

tert.-BUTYL BENZENE

$C_6H_5C(CH_3)_3$. Colorless liq. M.P. —58°C. B.P. 168°C. Insol. water; sol. alcohol, ether.

●Pkg—Pint, quart bottles.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

BUTYL BENZOATE

$C_6H_5C_7H_{13}O_2$. M.W. 178.11. Colorless liq. Sp. gr. 1.002 (15°C). B.P. 250.3°C. Sol. alcohol, ether; insol. water. Uses—mfr. synth. perfumes; solvent; plasticizer. Grades—tech.

●Pkg—Cans, drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y

BUTYL BENZYL PHTHALATE

●Pkg—5, 55 gal. drums.

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

BUTYL BENZYL SEBACATE

$H_7C_7OOC(CH_2)_8COOC_4H_9$. M.W. 348. Light straw colored liq. Uses—plasticizers for vinyl resins and synth. rubbers.

J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

BUTYL BORATE (Tributyl Borate)

$(C_4H_9)_3BO_3$. M.W. 230.16. Hydrolyzes with water. Sol. organic liq. B.P. 232.4°C., M.P. —70°C. Uses—drying agent; flameproofing; mfr. specialty lacquers, inks.

●Pkg—1 gal. cans, 5, 55 gal. drums.

*Anderson Labs, Weston, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

n-BUTYL BROMIDE (Bromobutane)

$CH_3(CH_2)_3Br$. Colorless liq. Sp. gr. 1.275. B.P 101.6°C. Insol. water; sol. alcohol, ether. Uses—mfr organic chemicals; pharmaceuticals. Grades—pure; tech.

●Pkg—5, 13 gal. carboys, 5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fine Organics, 211 E 19 St, N Y 3
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Philip J Lo Bue Co, 277 Park Ave, N Y 17

sec.-BUTYL BROMIDE (2-Bromobutane)

$CH_3CH_2CHBrCH_3$. M.W. 137. Clear, odorless liq Uses—in organic syntheses, particularly as source of sec butyl radical.

●Pkg—5, 10, 55 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

tert.-BUTYL BROMIDE (2-Bromo-2-Methylpropane, 2-Bromoisobutane)

$(CH_3)_3CBr$. M.W. 136.99. Colorless liq. B.P. 72° At 210° changes to isobutyl bromide. M.P. —20°. Insol water; miscible organic solvents.

●Pkg—1 gal. cans, 5, 10 gal. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BUTYL BROMIDE ISO (1-Bromo-isobutane) (1-Bromo-2-Methyl-propane)

Colorless, oily liq. B.P. 90°C. Insol. water; miscible alcohol, ether.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

BUTYL BUTYRATE (Isobutyl Isobutyrate)

$(CH_3)_2CH.COO.CH_2.CH(CH_3)_2$. Colorless, neutral liq. Sp. gr. 0.858 (15°C). B.P. 156.9°C. Sol. alcohol, ether; insol. water. Uses—solvent for nitrocellulose lacquers. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

BUTYL CARBITOL see Ether, Diethylene Glycol Monobutyl

p-tert-BUTYL CATECHOL

$(CH_3)_3C.C_6H_3(OH)_2$. Colorless cryst. M.P. 56°C. B.P. 285°C.

●Pkg—8½, 10, 90 lb. tins.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

BUTYL CELLOSOLVE see Ether, Ethylene Glycol Monobutyl

BUTYL "CELLOSOLVE*" STEARATE

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Corp.) $C_{17}H_{33}COOC_4H_4OC_4H_9$. M.W. 384. Sol. alcohols, ketones, esters, aromatic and aliphatic hydrocarbons, fats, oils and waxes; insol. water. Uses—plasticizer for vinyl resins, cellulose esters and synth. rubber; lubricant for textiles and leather.

SECONDARY BUTYL ACETATE

Clear, colorless liquid belonging to medium boiling group of solvents. Dissolves many synthetic and natural resins and asphalt. Miscible with vegetable oils. Used in lacquers, films and plastic products.

Write or phone for further information.

Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

●Pkg—1, 5, 55 gal. drums.

W W Angus, 220 Broadway, N Y 38
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Witco Chem Co, 295 Madison Ave, N Y 17

n-BUTYL CHLORIDE

●Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

tert-BUTYL CHLORIDE

*Edward S Burke, 65 Pine St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BUTYL CITRATE (N-Butyl Citrate, Tributyl Citrate)

$(C_4H_9)_3C_6H_5O_7$. M.W. 360.26; colorless or pale yellow odorless liq. Sp. gr. 1.045$^{20}_{20}$; B.P. 233°$_{20}$ mm, M.P. 20°; insol. water; miscible with most organic liq. Uses—plasticizer and solvent for nitrocellulose lacquers in polishes, inks and similar preps

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

BUTYL 2,4 DICHLORO PHENOXYACETATE

*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

CSC

BUTANOL

and Butyl Derivatives

INDISPENSABLE SOLVENTS

BUTYL LACTATE
BUTYL ACETATE
BUTYL STEARATE
DIBUTYL PHTHALATE
TRIBUTYL PHOSPHATE

Industrial CSC Chemicals

Acetone
Ammonia
Methanol
Methylamines
Formaldehyde
Nitroparaffins
Riboflavin Crystals
Ethyl Alcohol

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS
Corporation
260 Madison Avenue
New York 16, New York

See Our Catalog Ad

n-BUTYL DIETHANOLAMINE

Water-white to pale straw-colored liq. of sl. ammoniacal odor. Sp. gr. at 20°C., 0.97. Dist. Range (Engler), 272-315°C.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Arnida Products Co, 15 Whitehall St, N Y 4
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Sharples Chem, 123 S Broad St, Phila 9, Pa

BUTYL ESTERS OF FATTY ACIDS

W W Angus, 220 Broadway, N Y 38
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

tert-BUTYL HYDROPEROXIDE

$(CH_3)_3C(OOH)$. M.W. 90.12. Water-white liq. Sol. common organic solvents. This product is a mixture of tert-Butyl hydroperoxide, di-tert-butyl-peroxide, tert-butyl alcohol and a small amount of water. Uses—bleaching, pharmaceutical application, polymer catalyst.
● Pkg—1, 7 lb. bottles, 6½ gal. carboys.

*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y

BUTYL p-HYDROXYBENZOATE

● Pkg—25, 50, 100, 250 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Toelle Chem Co, R D 1, Box 75, Newton, N J

sec.-BUTYL IODIDE

$C_2H_5CHICH_3$. M.W. 183.99. Colorless liq. turns brown on exposure to light. B.P. 119°C. Sol. alcohol, ether; insol. water.
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

n-BUTYL IODIDE (Iodobutane)

$CH_3(CH_2)_3I$. Colorless liq. Sp. gr. 1.617. B.P. 127° C. Insol. water; sol. alcohol, ether. Uses—mfr. organic chemicals, pharmaceuticals. Grades—pure, tech.
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

n.-BUTYL LACTATE

$CH_3CHOHCOOC_4H_9$. M.W. Sl. colored liq. Sp. gr. 0.968 (20°C). M.P. —43°C. B.P. 160-90°C. Wt. per gal., 8.15 (68°F.). Sl. sol. in water; sol. gasoline (60° Baume). Uses—mfr. perfumes, lacquers, enamels, printing inks, intermediates; as solvent. Grades—tech.
● Pkg—1 gal. cans, 5, 54 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
City Chem Corp, 132 W 22 St, N Y 11
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

BUTYL LITHIUM

C_4H_9Li. M.W. 63.98. Colorless solution of butyl lith. in low boil. pet. ether. Uses—organic synthesis, pharmaceuticals.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Hexagon Labs, 3536 Peartree Ave, N Y 69

tert-BUTYL MERCAPTAN

C_4H_9CH. M.W. 90.30. B.P. 62.76°C. Uses—odorant, chemical intermediate.
● Pkg—Quart, gal. bottles, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

n-BUTYL METHACRYLATE

$CH_2:C-(CH_3)-CO_2C_4H_9$. M.W. 142. Uses—potting compound, cement for optical glass, polymerization.
● Pkg—drums.

J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

BUTYL MYRISTATE

$C_{13}H_{27}COOC_4H_9$. M.W. 284.5. Uses—plasticizer, lubricant for textiles, paper stencils, cosmetic preps.
● Pkg—1, 7, 35 lb. tins, 380 lb. drums.

* Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Witco Chem Co, 260 Madison Ave, N Y 16

2-BUTYL OCTANOL

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

BUTYL OLEATE

$CH_3(CH_2)_7CH{=}CH(CH_2)_7COOC_4H_9$. M.W. 338.5. Uses—plasticizer for ethyl cellulose, cellulose nitrate, etc.; solvent for ester gum, useful where low temp.
● Pkg—1, 7, 35 lb. tins, 400 lb. drums.

W W Angus, 220 Broadway, N Y 38
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

BUTYLOXIDE see Ether, n-Butyl

tert-BUTYL PERBENZOATE

$C_6H_5CO(O_2)C(CH_3)_3$. M.W. 194.22. Sl. straw-colored liq. Sol. common organic solvents. Uses—bleaching, pharmaceutical application, high temp. polymer catalyst.
● Pkg—1, 8 lb. bottles, 5 gal. carboys

*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y

p-sec-BUTYL PHENOL (4-sec-Butylphenol)

$C_{10}H_{14}O$. M.W. 150.2. White to sl. yellow crystalline solid with strong odor. B.P. 100 mm. Hg., 170°C.; B.P. 10 mm. Hg., 114°C.; Sp. gr. 60/25°C., 0.953; F.P. 50°C. Uses—fungicide; also intermediate in the mfr. of synth. resins.

*Dow Chem Co, Midland, Mich

p-tert-BUTYL PHENOL

$C_{10}H_{14}O$. M.W. 150. White col., aromatic odor. F.P. 97-98°C. Insol. water. Uses—mfr. synth resins for paints and varnishes; mfr. certain resinous products.
● Pkg—100 lb. bags.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

BUTYL PHOSPHATE

$(C_4H_9)_3PO_4$. Colorless, liq., mild pleasant odor. Miscible lacquer solvent. Sp. gr. 0.985. B.P. 255-260°C. F.P. 170°C. Uses—mfr. nitrocellulose plastics having low temp. flexibility; insulating impregnator for paper. Grades—tech.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

BUTYL PROPIONATE

$C_2H_5CO_2C_4H_9$. M.W. 130.11. Colorless liq. Sp. gr. 0.875 (20°C). Flash point 105°F. B.P. 145.4°C. Insol. water. Miscible with alcohol, ether. Shipping Wt. per gal. 7.28 lbs. Uses—mfr. lacquers, synth. perfumes, etc., solvent for nitrocellulose. Grades—tech.
● Pkg—custom packed

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

n-BUTYL RICINOLEATE

$C_6H_{13}CHOH{-}CH_2CH{=}CH(CH_2)_7COOC_4H_9$. M.W. 354. Clear, light straw-colored liq.; low viscosity. Uses—lubricant additive; plasticizer.
● Pkg—5 gal. cans, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17

n-BUTYL STEARATE

$C_{17}H_{35}CO_2C_4H_9$. Colorless liq. Sol. alcohol, ether.
● Pkg—1 gal. cans, 5, 54 gal. drums.

W W Angus, 220 Broadway, N Y 38
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Arnold Hoffman & Co, 55 Canal St, Providence 1, R I
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Binney & Smith Co, 41 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marcus Ruth Jerome Co, 327 S La Salle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Ohio-Apex Inc Div, Nitro, W Va
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Variacoid Chem Co, 116 Broad St, N Y 4
*Witco Chem Co, 260 Madison Ave, N Y 16

1,3-BUTYLENE GLYCOL

● Pkg—55 gal. drums.

*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

2-3 BUTYLENE GLYCOL (Butanediol)

CH_3-CHOH-CHOH-CH_3. M.W. 90.08. Nearly colorless sol. or liq., hygroscopic. Sp. gr. 1.000 (25°C). B.P. 184°C. M.P. 24°C.-27°C. Miscible with water in all proportion. Refractive Index 1.438 (20°C). Uses—solvent for dyes, has good penetration into wood and textiles, is resistant against alkali, non-resistant against most mineral acids. Forms nitrates with nitric. Forms resins with phthalic anhydride. Grades—99% 2-3 butylene glycol.
● Pkg—55 gal. drums.

*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

3-BUTYN-1-OL (beta-Ethynyl Ethanol)

$HC{\equiv}CCH_2CH_2OH$. M.W. 70.09. Colorless liq. characteristic odor. Uses—organic syntheses, pharmaceuticals, plastics.
● Pkg—custom packed.

*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

3-BUTYN-2-OL (Methyl Ethynyl Carbinol)

$HC{\equiv}C{:}C(OH)CH_3$. M.W. 70.1. Colorless liq.; characteristic odor. Uses—organic synthesis, pharmaceuticals, plastics.
● Pkg—custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

1-BUTYNE see Ethyl Acetylene

n-BUTYRALDEHYDE

C_4H_8O. M.W. 72.10. Colorless liq. B.P. 75.7°C. Sl. sol. in water; very sol. in organic solvents.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

BUTYRIC ANHYDRIDE

$(C_3H_7CO)_2O$. Liq. B.P. 198.2°C. Sp. gr. .9676 at 20°C. Uses—organic synthesis.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

BUTYROLACTONE

● Pkg—55 gal drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Cliffs Dow Chem Co, Wright St, Marquette, Mich.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Hexagon Labs, 3536 Peartree Ave, N Y 69

BUTYRONE see Dipropyl Ketone

BUTYRYL CHLORIDE

● Pkg—5, 13 gal. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Sapon Labs, 543 Union St, Bklyn 15, N Y

BUTYRYL CHLORIDE, ISO

$(CH_3)_2CH.CO.Cl$. M.W. 106.51. Colorless liq. Sp. gr. at 4mm, 1.017. M.P. —90°C. B.P. 92°C. Sol. ether. Uses—organic synthesis.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sapon Labs, 543 Union St, Bklyn 15, N Y

CABLE FILLING COMPOUNDS

Plastic compounds for filling joints to prevent entrance of moisture and to give suitable electric properties. Should be acid and alkali-resistant, possess high waterproofing qualities, excellent adhesive properties, bonding perfectly to metals, porcelain, and glass. Should be extremely flexible.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ernest E Boruski, Jr, 162 W 54 St, N Y 19
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*H V Hardman Co, 571 Cortlandt St, Belleville 9, N J
*Hercules Powder Co, 978 Market St, Wilmington 99, Del.
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal.
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CABLE WEATHER PROOFING COMPOUNDS

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Cities Service Oil Co. (Dela), Masonic Bldg, Bartlesville, Okla
Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CACHOU see Cutch

CACODYLATES

Uses—medicinal, pharmaceutical.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10

CADMIUM ACETATE

$Cd(CH_3COO)_2{+}2H_2O$. Colorless cryst. sl. odor acetic acid. Sp. gr. 2.01. Sol. alcohol, ether. Uses—mfr. acetates; assistant dyeing and printing textiles; dentistry; laboratory reagent.
● Pkg—custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CADMIUM BROMIDE

$CdBr_2$. White to yellowish efflorescent needle cryst. Sp. gr. 5.192 (dry). M.P. 568°C. B.P. 963°C. Sol. water, sl. sol. alcohol, ether. Uses—in photographic emulsions; process engraving; lithography. Grades—tech.; C.P.
● Pkg—2 x 50 lb. jars/cases.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

CADMIUM CARBONATE

$CdCO_3$. M.W. 172.4. Sp. gr. 4.25. White, rhombic cryst. or amorp. powd. Decomp. on heating. Insol. water; sol. acids or ammonium salt solutions.
● Pkg—100 lb. drums, 350 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

CADMIUM CHLORIDE

$CdCl_2$ and $CdCl_2.2\frac{1}{2}H_2O$. White amorp. mass or white cryst. Sp. gr. 3.32 (cryst.) and 4.047. M.P. 568°C. B.P. 861 to 954°C. Sol. water, alcohol. Uses—mfr. cadmium salts; dyeing and printing textiles; cadmium plating; photographical and laboratory reagent. Grades—tech.; C.P.
● Pkg—25 lb. jars, 25, 100, 400 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38

CADMIUM COLORS

J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

CADMIUM 2-ETHYLHEXOATE (Cadmium Octoate)

$Cd[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 398.81. Amber amorp. solid. Uses—solid and solutions used to stabilize polyvinyl chloride and copolymers against light and heat.
● Pkg—55 gal. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Barclay Chem Co, 75 Varick St, N Y 13
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

Baker CHEMICAL

CADMIUM CHLORIDE
Reagent and Purified

CADMIUM NITRATE
Reagent

CADMIUM SULFATE
Reagent Crystal
Purified Anhydrous

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Bright rich colors...
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GENERAL COLOR COMPANY
263 WRIGHT STREET
NEWARK 5, NEW JERSEY

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



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322 BELMONT AVENUE • BROOKLYN 7, N. Y.

CADMIUM FLUOBORATE

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

CADMIUM IODIDE

CdI_2. White flaky cryst. Occurs in two allotropic forms. Sp. gr. alpha 5.67, beta 5.30. M.P. of beta salt 404°C. M.P. 388°C. B.P. 712°C. Sol. water, alcohol, ether ammonia. Uses—photographic iodizing agent; process engraving; lithography; in medicine. Grades—tech.; C.P.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

CADMIUM (Metal)

Cd. Silver-white crystalline bars or grayish-white powd. Sp. gr. 8.642 (17°C). M.P. 320.9°C. B.P. 767°C. Sol. acids, ammonium nitrate. Uses—mfr. cadmium salts, cadmium vapor lamps, smoke bombs, small arms ammunition, white pigment, alloys, electrical instruments, incandescent light filaments, electroplating cadmium, aluminum solder; substitute for tin in solders; dental amalgams; ceramic coatings; deoxidizer in metallurgy; coloring glass; nickel plating; process engraving; lithography. Grades—tech.; pure sticks, slabs, anodes, etc.
● Pkg—100 lb. boxes.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo
*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
Kolon Trading Co, 15 Park Row, N Y 38
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*St Joseph Lead Co, 250 Park Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17
*White Cross Labs, 79 Wall St, N Y

CADMIUM NAPHTHENATE

M.W. about 570. 19% metal. straw color, soft solid. Sol. hydrocarbons. Uses—hydration catalyst, stabilizer for resinous masses.
● Pkg—450 lb. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CADMIUM NITRATE

$Cd(NO_3)_2 4H_2O$. White hydroscopic lumps or cryst. Sp. gr. 2.45b. M.P. 59.5°C. B.P. 132°C. Sol. water, alcohol. Uses—coloring porcelains, potteries, glass; laboratory reagent. Grades—tech.; C.P.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

CADMIUM OXIDE

CdO. Yellowish-red or brownish-black powd. Sp. gr 6.95-8.11. Sol. acids; insol. water. Uses—mfr. cadmium salts; chemical catalyst; pigment in ceramics; cadmium galvanoplating. Grades—tech.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Chemical Service Corp, 82 Beaver St, N Y 5
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Philipp Bros Chem, 37 Wall St, N Y 5
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CADMIUM RICINOLEATE

$Cd[CH_3(CH_2)_5CHOHCH_2CHCH(CH_2)_7CO_2]_2$. M. W. 706.95. White solid. Uses—solid and modified solution used to stabilize polyvinyl chloride and copolymers against light and heat.
● Pkg—50 lb. bags.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
European Chem Co, 366 Broadway, N Y 13
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

CADMIUM SELENIDE (Cadmium Red)

CdSe. M.W. 191.6. Red powd. Insol. water. Uses—in rubber mfr. to increase resistance to abrasion; mfr. lacquers, oil paints; in enameling.
● Pkg—100 lb. drums.

Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

CADMIUM STEARATE

$Cd(C_{18}H_{35}O_2)_2$. M.W. 679. Fine white powd. M.P. 104°C. Uses—stabilizer for vinyl resins, mildew proofing agent for textiles.
● Pkg—50 lb. cartons.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Ferro Chem Corp, Box 349, Bedford, Ohio
Filo Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuddex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
Joseph Turner & Co, Ridgfield, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

CADMIUM SULFATE

$3CdSO_4+3H_2O$. White cryst. Sp. gr. 3.087 (25°C). Sol. alcohol, water. Uses—mfr. cadmium electric batteries; in medicine. Grades—tech.; C.P.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38

CADMIUM SULFIDE (Cadmium Yellow, Jaune Brilliant, Greenockite, Aurora Yellow, Orange Cadmium, Orient Yellow)

CdS. Two modifications, orange-colored or light yellow powd. mfr. and natural. Sp. gr. 3.9-4.8 (mid.); 4.8-4.9 (nat.). Sublimes at 980°C. Sol. acids, ammonia. Uses—mfr. blue flame pyrotechnics, glazes for glass; as pigment for paints, varnishes, paper, rubber, soap, glass and textiles; in ceramic glazes; color photography. Grades—various as to color, purity and fineness.
● Pkg—100 lb. drums, 350 lb. bbls.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Chemical Servloe Corp, 82 Beaver St, N Y 5
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*General Color Co, 263 Wright St, Newark 5, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Frank Samuel & Co, 24 State St, N Y 4
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
George F Smith, 60 E 42 St, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

CADMIUM TARTRATE

● Pkg—1, 5 lb. bottles, 25 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*City Chem Corp, 132 W 22 St, N Y 11

CADMIUM TUNGSTATE (Cadmium Wolframate)

$CdWO_4$. Yellow, solid crystalline. Sol. ammonium hydroxide; sl. sol. water. Uses—mfr. fluorescent paint; catalyst in making intermediates. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11

CADMIUM WOLFRAMATE see Cadmium Tungstate

CADMIUM YELLOW see Cadmium Sulfide

CAESIUM

Silver-white, soft, ductile metal. Uses—photo-electric cells.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CAESIUM SALTS

● Pkg—bottles.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

MONSANTO
CAFFEINE, U.S.P.

Caffeine, U.S.P. White powder or flakes. Loss on drying at 80°C: anhydrous powder 0.25% max.; hydrated flakes 5.75-6.50%. M.P. 235°C. min.; meets U.S.P. test for carbonizable impurities; trace max. flakes retained on 20 mesh.

Caffeine, Citrated, U.S.P. White powder; assay 48.0-52.0% anhydrous caffeine; loss on drying 0.2% max. at 50°C.; solubility in water (1:4) complete; conforms to U.S.P. tests for sulfate and heavy metals; 15.0% max. retained on 100 mesh.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

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MONSANTO
CHEMICALS – PLASTICS

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Pfizer

Manufacturing Chemists for Over 100 Years

CAFFEINE (1,3,7-Trimethylxanthine, Theine)

$C_8H_{10}N_4O_2C_7H_6O_3$. M.W. 194.11. White needles from alcohol. M.P. 235-237°C. Sol. water, alcohol. Uses—medicine and beverages. Grades—U.S.P., anhydrous crystalline loss on drying at 80°C., 6.5% max. on anhydrous—25% max.

● Pkg—5, 10 lb. boxes, 2, 25, 100, 300 lb. drums.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Kingston Chem Co, 15 William St, N Y 5
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Franz Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

CAFFEINE ALKALOID

$C_8H_{10}O_2N_4 \cdot H_2O$. M.W. 212. Solid. Sublimes at 178°C. M.P. anhydrous 253°C. Sl. sol. water, alcohol, benzene; sol. chloroform, ethyl acetate. Uses—in medicine as diuretic, stimulant.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
M W Hardy & Co, 141 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

CAFFEINE, CITRATED (True Salt)

$C_8H_{10}O_2N_4 \cdot C_6H_8O_7$. M.W. 386.17. White cryst. powd.; acid reaction. Sol.—water, alcohol with decomposition into the free base and acid.

*American Quinine Co, 15 William St, N Y 5
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19

CAKE ALUM see Aluminum Sulfate

CALCIC LIVER OF SULFUR see Calcium Sulfide

CALCINED BARYTA see Barium Oxide

CALCINED MAGNESIA see Magnesium Oxide

CALCITE see Calcium Carbonate

CALCIUM ACETATE (Lime Acetate, Acetate of Lime, Brown Acetate, Vinegar Salts, Gray Acetate, Lime Pyrolignite)

$Ca(CH_3COO)_2H_2O$. M.W. 176.14. Brown, gray, white powd., amorp. or crystalline. Decomp. on heating. Sol. water; sl. sol. alcohol. Uses—mfr. acetone, acetic acid, acetates; mordant in dyeing and printing textiles. Grades—tech. (80% basis); C.P.; pure, brown, gray.

● Pkg—100, 125 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
*F W Berk & Co, Park Pl E, Woodridge, N J
*General Chem Div, 40 Rector St, N Y 6
*William S Grav & Co, 342 Madison Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

CALCIUM ARSENATE (Tricalcium o-Arsenate)

$Ca_3(AsO_4)_2 + 3H_2O$. White powd. Sp. gr. 3.23. Decomp. on heating. Very sl. sol. water. Uses—as germicide, insecticide, fungicide. Grades—dry powd.; C.P.; tech.

● Pkg—Bags, 100 lb. drums, 110 lb. bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
*Chipman Chem Co, Bound Brook, N J
*Dow Chem Co, Midland, Mich
Duff Chem Co, 342 Madison Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Chem Div, 40 Rector St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
*International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal

MILLMASTER

CALCIUM ACETATE
CUPROUS CHLORIDE
SODIUM MOLYBDATE
AMMONIUM MOLYBDATE
POTASH CHROME ALUM
NAPHTHOL ASG
PHOSPHOROUS TRIBROMIDE
AMMONIUM PERSULPHATE
POTASSIUM PERSULPHATE
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MILLMASTER

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section



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CALCIUM CARBONATE

U.S.P. Precipitated

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*Reg. U. S. Pat. Off.

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Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives DDT • BHC Other Organic and Inorganic Chemicals

CALCIUM ARSENATE, continued

*Mercer Chem Corp, 11 Mercer St, N Y 13
Nopel Corp, 2 Broadway, N Y 4
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

CALCIUM ARSENITE

$CaAsO_3H$. White, amorp. powd. Insol. water. Uses—mfr. germicidals, insecticides. Grades—tech.

● Pkg—1, 5 lb. bottles, 25 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
Nopel Corp, 2 Broadway, N Y 4
Republic Chem Corp, 94 Beekman St, N Y 38

CALCIUM BENZOATE

$Ca(C_7H_5O_2)_2$. $3H_2O$. White powd. or cryst. Uses—medicinal.

● Pkg—50, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

CALCIUM BENZYLPHTHALATE

*Fine Organics, 211 E 19 St, N Y 3
*Polychemical Co, 494 Huntspoint Ave, N Y 59

CALCIUM BIPHOSPHATE see Calcium Phosphate (Monobasic)

CALCIUM BISULFITE

$Ca(HSO_3)_2$. Exists only in solution and is really a solution of $CaSO_3$ in aqueous solution of SO_2. Sl. yellowish liq. Sp. gr. 1.06 (15°C). Sol. water, acids. Uses—mfr. chromium bisulfide; antichlor in bleaching textiles; bleaching sponges; general preservative; sulfite pulp; disinfectant in washing barrels; in brewing; in medicine. Must not be permitted to come in contact with common metals. Grades—tech.

*Dehls & Stein, 237 South St, Newark 5, N J

CALCIUM BORATE

$Ca(BO_2)_2.2H_2O$. M.W. 161.7. White cryst. Sol. hot water, dilute acids. Antiseptic and astringent.

DIAMOND PRECIPITATED CALCIUM CARBONATES

KALITE® . . . MILLICAL® . . . MULTIFEX®
MULTIFEX® MM . . . NON-FER-AL® . . . SURFEX®
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DIAMOND ALKALI CHEMICALS ®

DIAMOND ALKALI COMPANY

CLEVELAND 14, OHIO

J M Baird Co, 254 W 31 St, N Y 1
*Fine Organics, 211 E 19 St, N Y 3
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal

CALCIUM BROMIDE

$CaBr_2$. M.W. 199.91. White gran. cryst.; also lumps, flakes. Sp. gr. 3.353; deliq. Sol. water, alcohol. Grades—tech; C.P.; granular; U.S.P.; C.P. Anhydrous. Uses—dehydrating agent; food preservative; road treatment; fireproofing paints; freezing mixtures; sizing compounds; wood preservative; in medicine.

● Pkg—25 lb. drums, 2 x 50 lb. jars/cases.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Joseph Turner & Co, Ridgefield, N J

CALCIUM CACODYLATE

$Ca(Me_2AsO_2)_2.H_2O$. M.W. 332.1 White powd. Sol. water. Uses—in hypodermic medication.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y

CALCIUM CAMPHORSULFONATE

$(C_{10}H_{15}O_4S)_2Ca$. M.W. 502.6. White, odorless, stable powd.; sol. water. Uses—medicinal.

● Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*Mississippi Lime Co, Alton, Ill
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17

CALCIUM CARBIDE (Acetylenogen, Acetylith)

CaC_2. Grayish-black lumps. Sp. gr. 2.22 (15°C). M.P. 2300°C., Decomp. water to form acetylene. Uses—mfr. acetylene, calcium cyanamid, lampblack, intermediates; reducing agent; in fertilizers; welding agent; smelting ores; steel hardener; signal lights; general illuminating purposes; dehydrating agent of desiccated foods Grades—tech.; as to size.

● Pkg—2, 10, 25 lb. cans, 100, 250, 300, 350, 600 lb. drums.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
*National Carbide Co Div, 60 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Shawinigan Products Corp, 350 5 Ave, N Y 1
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

CALCIUM CARBONATE (Whiting, Precipitated Chalk, Spanish Whiting, Calcite, Aragonite, Limestone, English White, Marble Dust)

$CaCO_3$. White powd., solid, manufactured, natural. Sp. gr. 2.7-2.949. Decomp. at 825°C. Sol. acid, ammonium chloride; insol. water. Uses—mfr. cement, ceramics, lime, calcium salts, carbon dioxide, ammonium chloride, intermediates, organic chemicals, tooth paste, dyestuffs, fertilizer, mineral waters, crayons, building stone; putty; in plaster and mortar; as neutralizing agent; chemical catalyst; flux; linoleum filler; polishing agent; paint and varnish filler; paint pigment; paper filler; sealing oil wells; rubber filler; clarifying sugar; dyeing and printing textiles; in medicine. Grades—pure; C.P.; U.S.P.; tech., as to color, purity, and fineness. (See also Chalk and Whiting.)

● Pkg—50 lb. bags, 100, 125 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Austin White Lime Co, P O Box 53, Austin, Tex

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
John A Chew, 60 E 42 St, N Y 17
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Marblehead Lime Co, 308 W Washington St, Chicago 6, Ill
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*National Lead Co, 111 Broadway, N Y 6
*Pluess-Staufer (North American), 82 Beaver St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J
*Victorville Lime Rock Co, Box 548, Victorville, Cal
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J
*Wyandotte Chem Corp, Wyandotte, Mich

CALCIUM CASEINATE

●Pkg—100 lb. bags.

*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Sheffield Chem Co, P O Box 630, Norwich, N Y

CALCIUM CHLORIDE

$CaCl_2H_2O$. White, deliq. crystalline or amorp. Tech. article is either solid or flake or in solution. Sp. gr. 2.152 (20°C.) and 1.654 resp. M.P. 774°C. and 29.48°C. resp. B.P. (for salt + $2H_2O$) 129-130°C. Sol. water, alcohol. Uses—refr. tartaric acid ammonium chloride, precipitated chalk, chemical salts, intermediate and organic chemicals, gun-powder, mineral waters, starches, paper size, dry colors, fireproof paints, metallic calcium; drying agent for gases; food preservative; refrigerating and anti-freezing solutions; cooling solutions in ice plants; textile size and finishing cotton fabrics; purifying water; disinfectant; dehydrating petroleum; preserving wood; laboratory reagent; dust layer for roads; fire protection; weed killer; preventing explosions in collieries and in washing coal; tempering metals; drying fruits and vegetables before canning; in medicine. Grades—C.P.; U.S.P.; tech.; liq.; flakes; granulated; powdered; solid—73-75%.

●Pkg—25, 100 lb. bags, 50, 100, 250, 400, 700 lb. drums

S L Abbot Co, 135 King St, San Francisco 7, Cal
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
Cornwell Chem Corp, 24 E 38 St, N Y
Croton Chem Corp, 114 Liberty St, N Y 6
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hill Bros Chem Co, 1525 S 28 St, San Diego 13, Cal
B J Howard Co, Whitaker Bldg, Baltimore 2, Md

CALCIUM CHLORIDE

Dowflake® calcium chloride 77-80%
Peladow® calcium chloride 94-97%
(New high-test anhydrous pellets)

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Flake, 77-80%, meeting A.S.T.M. specifications
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Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
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DDT • BHC Other Organic and Inorganic Chemicals

COLUMBIA-SOUTHERN ESSENTIAL INDUSTRIAL CHEMICALS



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Soda Ash • Caustic Soda • Sodium Bicarbonate • Liquid Chlorine
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Caustic Ash • Phosflake • Pacific Crystals • Perchlorethylene
Chlorinated Benzenes • Muriatic Acid • Benzene Hexachloride

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SOLVAY

CALCIUM CHLORIDE

Flake, 77-80%, meeting A.S.T.M. specifications.
Liquid—Solid—Powdered

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Caustic Potash • Sodium Nitrite
Snowflake® Crystals • Para-dichlorobenzene
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CALCIUM CHLORIDE
PURIFIED

HENRY BOWER
CHEMICAL
MANUFACTURING CO.
29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

CALCIUM CHLORIDE, continued

Howe & French, 99 Broad St, Boston, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7 Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
Stanalchem, Inc, 350 Madison Ave, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George W Travis & Co, Cliffside Park, Cornwall-on-Hudson, N Y
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wyandotte Chem Corp, Wyandotte, Mich

CALCIUM CHLORIDE ANHYDROUS

$CaCl_2$. White powd. Uses—as a desiccant. Cont.—various.
● Pkg—90 lb. bags, 275 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
*J T Baker Chem Co, Phillipsburg, N J
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
John A Chew, 60 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*General Chem Div, 40 Rector St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Solvay Process Div, 61 Broadway, N Y 6
*George W Travis & Co, Cliffside Park, Cornwall-on-Hudson, N Y
Joseph Turner & Co, Ridgefield, N J
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wyandotte Chem Corp, Wyandotte, Mich

CALCIUM CHROMATE ANHYDROUS

● Pkg—50 lb. bags, 300 lb. bbls.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md

CALCIUM CITRATE

$Ca_3(C_6H_5O_7)_2.4H_2O$. M.W. 570.38. White powd. M.P. —$2H_2O$, 130°C. B.P. —$4H_2O$, 185°C. Sl sol. alcohol, water. Uses—medicine.
● Pkg—25, 50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

CALCIUM CREOSOTATE

Mixture of calcium compounds of the constituents of creosote. Dark brown powd., empyreumatic odor, sharp phenolic taste. Uses—same as creosote in medicine as an antiseptic and an antipyretic.
● Pkg—50, 100 lb drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CALCIUM CYANAMIDE

*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Republic Chem Corp, 94 Beekman St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

CALCIUM CYANIDE (Powdered Cyanic Acid)

$CaCN_2$, also $Ca(CN)_2.3Ca0.15H_2O$. Pure grade white powd., tech. grades grayish-black. Decomp. on heating. Sol. water. Uses—mfr. cyanamid; hardening iron; insecticide and fungicide for killing rodents. Grades—A dust; tech.
● Pkg—Drums.

*American Cyanamid Co, Agricultural Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
Chematar Inc, 40 Exchange Pl, N Y 5
Charles Page & Co, 50 E 42 St, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J
Sterone Corp, 250 W 57 St, N Y 19

CALCIUM DICHROMATE (Calcium Bichromate)

$CaCr_2O_7$. M.W. 256. Orange cryst., hygroscopic. Uses—laboratory chemical.
● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11

CALCIUM DIHYDROGEN PHOSPHATE see Calcium Phosphate (Monobasic)

CALCIUM 2-ETHYLHEXOATE (Calcium Octoate)

$Ca[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 322.5. Nearly colorless amorp. solid. Uses—liq. solutions used in paints, varnishes and enamels as a drier auxiliary.
● Pkg—100, 430 lb. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

CALCIUM FERROCYANIDE

$Ca_2Fe(CN)_6.12H_2O$. Yellow cryst. Decomp. on heating. Sol. water. Uses—mfr. of citric and tartaric and other acids. Grades—tech.
● Pkg—100 lb. bags, 325 lb. bbls., 350 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa

CALCIUM FLUORIDE (see also Fluorspar)

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CALCIUM FORMATE

$Ca(OOH)_2$. M.W. 130.09. Hard, colorless cryst. Uses—mfr. of formic acid, metallic and organic formate derivatives; chemical intermediate.
● Pkg—100 lb. bags.

S L Abbot Co, 135 King St, San Francisco 7, Cal
J M Baird Co, 254 W 31 St, N Y 1
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

CALCIUM GLUCONATE

$[C_6H_9(OH)_5COO]_2Ca$. M.W. 430.30 Uses—in mfr. medicinals and pharmaceuticals.
● Pkg—25, 50, 100, 125, 150 lb. drums.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 S Ave, N Y 20
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
*Fine Organics, 211 E 19 St, N Y 3
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Metal Hydrides INCORPORATED

CaH_2*

* CALCIUM HYDRIDE

An unusual desiccant for superdrying gases and inert solvents, having ability unmatched by any other drying agent.

Technical data available on request to

METAL HYDRIDES INCORPORATED
22 CONGRESS STREET • BEVERLY, MASS.

*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CALCIUM GLUTAMATE

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J

CALCIUM GLYCEROPHOSPHATE

$CaO_3PO.OC_3H_5(OH)_2$. M.W. 210.18. White, odorless powd. Sol. water, insol. alcohol. Uses—medicine. Grade—90% minimum.
● Pkg—25 lb. boxes, 25, 50, 100 lb. drums, 200 lb. bbls.

*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Conray Products Co, 510 Ave of the Americas, N Y 11
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

CALCIUM GUAIACOL SULFONATE (Guaiacyl)

$Ca(C_6H_3OHOCH_3CO_3)_2$. Bluish-gray powd. Uses—medicinal.
● Pkg—25, 50, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

CALCIUM HYDRATE see Lime (Hydrated), Chemical

CALCIUM HYDRIDE

CaH_2. M.W. 42. Uses—source of hydrogen; drying agent, reducing and condensing agent.
● Pkg—Cans/boxes.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metal Hydrides, 22½ Congress St, Beverly, Mass
*Ohio-Apex Inc Div, Nitro, W Va
*Robinson, Wagner Co, 110 E 42 St, N Y 17

CALCIUM HYDROXIDE (Lime Hydrate)

$Ca(OH)_2$ M.W. 74.10. Sp. gr. 2.343. White powd. Sol. 0.185. 9/100cc @ 0° C. 0.077 g/100cc @ 100° C. Uses—in mfr. cements; mortars; calcium salts; depilatory; paints; in softening of hard boiler feed water; in conversion of soda and recovered ash into caustic soda; in medicine; chlorinated lime; dehairing hides; purifying sugar juices.
● Pkg—25, 50, 60, 100 lb. bags.

*J T Baker Chem Co, Phillipsburg, N J
*Cutler-Magner Co, 1116 Fidelity Bldg, Duluth 2, Minn
Hammill & Gillespie, 225 Broadway, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Marblehead Lime Co, 308 W Washington St, Chicago 6, Ill
McKesson & Robbins, 155 E 44 St, N Y 17
*Mississippi Lime Co, Alton, Ill
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J

CALCIUM HYPOCHLORITE—see also **Bleaching Powder**

$Ca(OCl)_2$. Dry stable powd. containing 70% available chlorine. Uses—as laundry and textile bleach; germicide and deodorant in dairy, food plants, swimming pools, water works, etc.
● Pkg—9x5 lb. cans/case, 15, 100, 300 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5

CALCIUM GLYCERO-PHOSPHATE
N.F.

Calcium Lactate, U.S.P.
Lactic Acid, U.S.P., 85%
Ferro Lactate, Pharm.
Ferro Tartrate, Pharm.
Calcium Sodium Lactate
Calcium Lactophosphate

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The J. M. Baird Company
MANUFACTURERS • IMPORTERS • EXPORTERS
254 W. 31st St. • New York 1, N. Y.
Cable Address: JOMBAIRD, NEW YORK

CALCIUM FERROCYANIDE

HENRY BOWER CHEMICAL MANUFACTURING CO.
29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

MONSANTO
GLYCEROPHOSPHATES

Calcium Glycerophosphate, N.F.
Ferric Glycerophosphate, N.F.
Magnesium Glycerophosphate
Manganese Glycerophosphate, N.F.
Potassium Glycerophosphate (75% Solution)
Sodium Glycerophosphate, N.F.
Glycerophosphoric Acid (35% Solution)

MONSANTO
CHEMICALS – PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri
SERVING INDUSTRY...WHICH SERVES MANKIND

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

UNEXCELLED QUALITY

CALCIUM LACTATE

USP

LACTIC ACID, U.S.P., 85%
FERRO LACTATE, PHARM.
FERRO TARTRATE, PHARM.
CALCIUM SODIUM LACTATE
CALCIUM LACTOPHOSPHATE

Made by

KOGE CHEMICAL WORKS



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CALCIUM HYPOCHLORITE, continued

J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewald-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J L Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J
*Wyandotte Chem Corp, Wyandotte, Mich

CALCIUM HYPOPHOSPHITE

●Pkg—25, 50 lb drums.

John A Chew, 60 E 42 St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CALCIUM IODIDE

CaI_2. M.W. 293.92. Yellowish-white. Very hygroscopic. Sp. gr. 3.956 @ 25°C. M.P. 575°C. B.P. 718°C.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St. Louis 7, Mo
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterone Corp, 250 W 57 St, N Y 19

CALCIUM LACTATE

Contains not less than 70% and not more than 75% of Ca $(C_3H_5O_3)_2$, corresponding to not less than 98% of the hydrated salt $[Ca(C_3H_5O_3)_2 3H_2O]$. White granular masses or powd. Efflorescent; usually odorless; becomes anhydrous at 120°C. Grades—U.S.P. and edible. Uses—mfr. foods, beverages.

●Pkg—25, 100, 200 lb. drums.

*American Maize Products Co, 100 E 42 St, N Y
American Quinine Co, 15 William St, N Y 5
*J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St. Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewalds-Turner Co, 20 Vesey St, N Y 7
*Sheffield Chem Co, P O Box 630, Norwich, N Y

CALCIUM LACTOPHOSPHATE

Mixture of calcium lactate, calcium acid lactate and calcium biphosphate. White odorless powd. Sol. water; insol. alcohol. Uses—to obtain therapeutic effects of calcium.

●Pkg—25, 100, 125 lb drums.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

CALCIUM LAURATE

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J

CALCIUM LEVULINATE

$Ca(CH_3.CO.(CH_2)_2COO)_2 2H_2O$. White powd. Sol. water; insol. ether. Uses—medicinal (calcium therapy). Grades—C.P. Cont.—fiber, plywood, various sizes.

●Pkg—Drums.

American Roland Corp, 16 Hudson St, N Y
*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Frank Samuel & Co, 24 State St, N Y 4
*Taelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5

CALCIUM LIGNIN SULFONATE

●Pkg—Bags.

*Marathon Corp, Chem Div, Rothschild, Wis
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CALCIUM LINOLEATE

$Ca(C_{17}H_{31}O_2)_2$. White amorp. powd. Sol. alcohol, ether; insol. water. Uses—mfr. paints, varnishes, waterproofing compounds. Grades—tech.

●Pkg—425 lb. bbls., 50 lb. kits.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
J M Baird Co, 254 W 31 St, N Y 1
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CALCIUM MAGNESIUM CHLORIDE (Magnesium Calcium Chloride)

$CaCl_2MgCl_2$. White, deliq. crystalline solid. Sol. water, acids. Uses—mfr. intermediates, synth. dyes, organic chemicals, artificial mineral waters, dry colors, fireproof paints, ammonium chloride, paper size; dehydrating agent in chemical processes; preserving and fireproofing wood; sizing and finishing textiles; freezing mixtures; as preservative; dehydrating starch; laboratory reagent. Grades—tech.

●Pkg—Bulk.

J M Baird Co, 254 W 31 St, N Y 1
*Dow Chem Co, Midland, Mich
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich.

CALCIUM MANDELATE

$Ca(C_6H_5CHOHCOO)_2$. M.W. 342.19. White crystalline powd. Sl. sol. water, alcohol. Uses—in medicine as urinary antiseptic.

●Pkg—25, 100, 125 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CALCIUM, METAL

Ca. White, soft, crystalline metal. Sp. gr. 1.578 (15° C). M.P. 8810°C. Sol. acids. Uses—mfr. intermediates, alloys; dehydrating oils; metallurgical purposes; reducing agent in smelting; decarburization and desulfurization of iron and iron alloys; in place of sodium in chemical reactions.

J T Baker Chem Co, Phillipsburg, N J
Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17

CALCIUM NAPHTHENATE

See Aluminum Naphthenate for uses.

●Pkg—15, 55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem Co, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CALCIUM NICOTINATE

$(C_5H_4NCOO)_2Ca$. M.W. 284. Colorless prisms. Insol water. Uses—pharmaceutical.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Heaxgon Labs, 3526 Peartree Ave, N Y 69
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

CALCIUM NITRATE (Lime Nitrate, Wall Saltpeter, Lime Saltpeter, Norwegian Saltpeter, Nitrocalcite, Norge Niter)

$Ca(NO_3)_2 4H_2O$. White, deliq. mass. Sp. gr. 1.9 (15° C). M.P. 42.31°C. B.P. 132°C. Sol. water alcohol. Uses—mfr. inorganic nitrates, pyrotechnics, incandescent gas mantles; fertilizer. Grades—tech.; pure; C.P.

●Pkg—100 lb. kegs, 350 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38

CALCIUM OLEATE

$[C_8H_{17}CH:CH(CH_2)_7COO]_2Ca$. M.W. 602.64. Uses—in mfr. certain kinds of pigment materials and driers.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

CALCIUM OXALATE

$CaC_2O_4H_2O$. M.W. 146.10. White cryst. Sol. HCl, HNO_3; insol. water.

●Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

CALCIUM OXIDE (Lime, Burnt Lime, Calx, Quick-Lime)

CaO. M.W. 56.08. White hard lumps. Sp. gr. 3.40; M.P. 2.572°C. Sol. acid. Uses—for making mortar, plaster; mfr. of chlorinated lime; making calcium hydroxide which is used medicinally, etc.
● Pkg—25, 50, 60, 100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Charles B Chrystal Co, 53 Park Pl, NY 7
*Cutler-Magner Co, 1116 Fidelity Bldg, Duluth 2, Minn
Hammill & Gillespie, 225 Broadway, N Y 7
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Marblehead Lime Co, 308 W Washington St, Chicago 6, Ill
*Merck & Co, Rahway, N J
*Mississippi Lime Co, Alton, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CALCIUM OXYCHLORIDE see Bleaching Powder

CALCIUM PANTOTHENATE

$(C_9H_{16}O_5N)_2$ Ca. Prepared from Beta-alanine and butyraldehyde. White odorless, microcrystalline powd.; it is dextrorotatory. Freely sol. in water; neutral or sl. alkaline to litmus.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dawe's Labs, 4800 S Richmond, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gane & Ingram, 43 W 16 St, N Y 11
R W Greef & Co, 10 Rockefeller Plaza, N Y 20
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y 17
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*R P Scherer Corp, 9425 Grinnell Ave, Detroit 13, Mich
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Southside Chem Co, 2031 Woodland Rd, Petersburg, Va
United States Industrial Chem Co Div, 120 Broadway, N Y 5

CALCIUM PERMANGANATE (Acerdol)

$Ca(MnO_4)_2.4H_2O$. M.W. 350. Sp. gr. 2.4. Purple hygroscopic prisms that decomp. on heating. Sol. water. Uses—as a disinfectant; in research. It is more active and less stable than potassium permanganate.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill

CALCIUM PEROXIDE

$CaO_2.8H_2O$. White to yellow crystalline powd. Sl. sol. in water. Avail. oxygen 13.4%. Uses—as a bactericide detergent, mfr. cosmetic preparations; in medicine; prevents fermentation of organic matter. Grades—60-75%.
● Pkg—25, 100, 200 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Barium & Chem, Willoughby, Ohio
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del

CALCIUM PHENOLSULFONATE see Calcium Sulfocarbolate

CALCIUM PHOSPHATE see Calcium Phosphate (Monobasic)

CALCIUM o-PHOSPHATE see Calcium Phosphate (Tribasic)

sec-CALCIUM PHOSPHATE see Calcium Phosphate (Dibasic)

tert-CALCIUM PHOSPHATE see Calcium Phosphate (Tribasic)

CALCIUM PHOSPHATE, DIBASIC (Dicalcium o-Phosphate, Bicalcic Phosphate, Bibasic Calcium Phosphate, Secondary Calcium Phosphate)

$CaHPO_4 + 2H_2O$. White, deliq. powd. Sp. gr. 2.306 (16.5°C). Decomp. at 25°C. Sol. acids; insol. water, alcohol. Uses—mfr. glass; fertilizer; leavening agent in baking; in medicine; as tooth paste polishing agent. Grades—tech.; pharmaceutical; pure food.
● Pkg—60, 100 lb. bags, 100 lb. drums, 125, 150, 300, 350 lb. bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
John A Chew, 60 E 42 St, N Y 17
*Delton Products Corp, 154 Nassau St, N Y 38
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Charles Page & Co, 50 E 42 St, N Y 17
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
*Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

CALCIUM PHOSPHATE, MONOBASIC (Acid, Calcium Phosphate, Calcium Biphosphate, Calicum Phosphate, Primary Monocalcium Phosphate, Acid Phosphate of Lime, Calcium Dihydrogen Phosphate, Mono-basic Calcium Phosphate)

$CaH_4P_2O_8.H_2O$. M.W. 252.17. White deliq. crystalline powd. or granules. Sp. gr. 2.9. Loses water at 100°C. Decomp. at 200°C. Sl. sol. water, acids. Uses—mfr. baking powd.; in flour mills. Grades—tech.; C.P.
● Pkg—60, 100 lb. bags, 100 lb. drums, 125, 150, 300, 350 lb. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16

Baker CHEMICAL

CALCIUM NITRATE, TECHNICAL

ZINC NITRATE, TECHNICAL

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Phillipsburg, N. J.
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LOS ANGELES • TORONTO

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Dicalcium Phosphate U.S.P. and Dentifrice Grades
Tricalcium Phosphate N.F. and Dentifrice Grades
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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

MONSANTO
CALCIUM PHOSPHATES

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Tri Calcium Phosphate • Calcium Pyrophosphate

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MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Mo.

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MONSANTO
CHEMICALS – PLASTICS

CALCIUM PHOSPHATE, MONOBASIC, continued

H J Baker & Bro, 600 5 Ave, N Y 20
J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Lolus 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

CALCIUM PHOSPHATE, PRECIPITATED see Calcium Phosphate, Tribasic

CALCIUM PHOSPHATE, TRIBASIC (Precipitated Calcium Phosphate, Tricalcium o-Phosphate, Calcium o-Phosphate, Tricalcium Phosphate, Tricalcic Phosphate, Tert-Calcium Phosphate)

$Ca_3(PO_4)_2$. White, amorp. powd. Sp. gr. 3.14. M.P. 1670°C. Sol. acids; insol. water, alcohol. Uses—mfr. phosphorus, milk, glass, porcelains, potteries, ceramic glazes, monobasic calcium phosphate, polishing powd., rubber, cattle foods; clarifying sugar syrups; mordant in dyeing and printing textiles with turkey red; in medicine. Grades—tech.; pure precipitated; C.P.; U.S.P. VII.
● Pkg—60, 100 lb. bags, 100 lb. drums, 125, 150, 300, 350 lb. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
H J Baker & Bros, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
John A Chew, 60 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

CALCIUM PHOSPHIDE

*General Chem Div, 40 Rector St, N Y 6
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md

CALCIUM PHYTATE

● Pkg—50 lb. bags, 75, 150 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Corn Products Sales Co, 17 Battery Pl, N Y 4
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*A E Staley Mfg Co, Box 151, Decatur 60, Ill

CALCIUM PROPIONATE

$Ca(CH_3CH_2COO)_2$. M.W., 186.16; white powd. Sol. water, sl. in alcohol.
● Pkg—25, 100, 250 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CALCIUM PYRO PHOSPHATE (Pyrophosphate of Calcium)

CaP_2O_7. An amorp. white powd. Uses—as a polishing base in dentifrices; as a mild abrasive for metal polishing. Grades—Anhyd. (contains above 54% P_2O_5).
● Pkg—100 lb. bags, drums, 400 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Monsanto Chem Co, Phosphate Div. 1700 S 2 St. St Louis 4, Mo
Shea Chem. Corp, 1201 St Paul St, Baltimore 2, Md

CALCIUM RESINATE

$Ca(C_{44}H_{62}O_4)_2$. Yellowish-white, amorp. powd. or lumps. Sol. acids; insol. water. Uses—mfr. potteries, porcelains, perfumes, cosmetics, enamels, waterproofing compounds for fabrics, wood, paper, etc.; as amber substitute; tanning leather. Grades—tech.
● Pkg—120 lb. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
C J Osborn Co, 132 Nassau St, N Y 38

CALCIUM RICINOLEATE

$Ca[CH_3(CH_2)_5CHOHCH_2CHCH(CH_2)_7CO_2]_2$. M. W. 630. Fine white powd. Uses—greases and lubricants; water, sl. in alcohol.
● Pkg—50 lb. bags.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

CALCIUM d-SACCHARATE (Antacidin, Saccharated Lime)

White powd. Sol. water. Uses—in preserving and drying milk; medicine.
● Pkg—1, 5 lb. bottles, 25 lb. drums.

*Polychemical Co, 494 Huntspoint Ave, N Y 59

CALCIUM SALICYLATE

$Ca(C_6H_4OH.COO)_2 2H_2O$. M.W. 350.25. White odorl., tasteless cryst. Sol. water. Uses—medicine Grades—purity 99+%.
● Pkg—5, 25 lb. cartons, 25, 50, 100, 200, 250 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CALCIUM SILICATE

White amorp. powd., Uses—medicinal.
● Pkg—50 lb. bags.

*Atlas Mineral Products Co, 39 Walnut St, Mertztown, Pa
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsbugh 22, Pa
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Johns-Manville, 22 E 40 St, N Y 16
*Westvaco Chem Div, 161 E 42 St, N Y 17

CALCIUM STEARATE (Calcium Stearinate)

$Ca(C_{14}H_{35}O_2)$. White, pulverized mass or powd. Sol. alcohol, ether; insol. water. Uses—waterproofing textiles, plastics, concrete, wood. Grades—tech.
● Pkg—50 lb. bags, cartons.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Arnold Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Mineral Products Co, 39 Walnut St, Mertztown, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lefingwell Chem Co, P O Box 191, Whittier, Cal
Philip S Lobue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth E, N J
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Prior Chem Corp, 420 Lexington Ave, N Y 17
Reheis Co, Snyder Ave, Berkeley Heights, N J
George F Smith, 60 E 42 St, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

CALCIUM STEARINATE see Calcium Stearate

CALCIUM SUCCINATE

$(CH_2COO)_2Ca$. M.W. 210.16. White, crystalline powd. Sl. sol. water; diluted acids. Uses—medicinal.
● Pkg—25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*B L Lemke & Co, 199 Main St, Lodi, N J
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CALCIUM SULFATE (Plaster of Paris)—see also Gypsum

$CaSO_4$. White powd. Uses—mfr. paint, varnish, fertilizer, stucco, polishing powd., imitation ivory and other plastics, ceramic products, metal adhesives, glass, cements, cement compositions as a retarder, paper and rubber filler; ingredient in fertilizer; drying industrial gases; air conditioning; drying of solids, in complete and rapid drying of the alcohols and most other organic liquids. Grades
● Pkg—100, 225 lb. drums, 100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Charles B Chrystal Co, 53 Park Pl, N Y 7
Hammill & Gillespie, 225 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa

CALCIUM SULFATE ANHYDROUS—see also Desiccants

Product largely used as a laboratory and large scale desiccant.
● Pkg—100, 225 lb. drums, 100 lb. bags.

*J T Baker Chem Co, Phillipsburg, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Calcium Sulfate

CALCIUM SULFATE FILLERS

(Hydrous & Anhydrous)

Terra Alba

Industrial Gypsum Plasters

HYDROCAL* Super Strength Gypsum Cements

UNITED STATES GYPSUM COMPANY

Industrial Division

300 W. Adams St. Chicago 6, Illinois

*HYDROCAL is a trademark Reg. U.S. Pat. Off. for a super-strength gypsum cement manufactured by the United States Gypsum Co.

CALCIUM COMPOUNDS

PURE, TECHNICAL AND REAGENT GRADES

CALCIUM SULPHIDE

CALCIUM OXALATE

CALCIUM PEROXIDE

CALCIUM ACETATE

See Product Listings

BARIUM AND CHEMICALS, INC.

WILLOUGHBY, OHIO

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See Our Catalog Ad

California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Hammill & Gillespie, 225 Broadway, N Y 7
*W A Hammond Drierite Co, 120 Dayton Ave, Xenia, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

CALCIUM SULFIDE (Calcic Liver of Sulfur, Heparcalcis, Sulfurated Lime)

CaS. Yellowish to light gray powd. Sp. gr. 2.8 (15° C). Sol. acids. Uses—mfr. luminous paints and varnishes. Grades—tech.; U.S.P.

*Barium & Chem, Willoughby, Ohio
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36

CALCIUM SULFITE

$CaSO_3.2H_2O$. White powd. Loses water at 100°C. Sol sulfurous acids; sl. sol. water. Uses—mfr. pulp; food preservative; discoloration retarder; general antiseptic and disinfectant; antichlor in bleaching textiles; disinfectant in various fermentation processes. Grades—tech.; C.P.

●Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CALCIUM SULFOCARBOLATE (Calcium Phenosulfonate,—Sulfophenate,—Sulfophenolate)

$Ca(C_6H_4)(OH)SO_3)_2.H_2O$. M.W. 404.45. White to pinkish powd. Sol. water, alcohol. Uses—medicine.

●Pkg—25, 100, 175 lb. drums.

Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

CALCIUM SULFOPHENATE see Calcium Sulfocarbolate

CALCIUM SULFOPHENOLATE see Calcium Sulfocarbolate

CALCIUM TARTRATE

$CaC_4H_4O_6.4H_2O$. M.W. 260.2. White powd. Sl sol. water, alcohol; sol. in dilute HCl or HNO_3.

American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Kingston Chem Co, 15 William St, N Y 5

CALCIUM THEOBROMINE

$(C_7H_7O_2N_4)_2Ca$. M.W. 374. Uses—medicinal.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

CALCIUM THIOCYANATE

$Ca(SCN)_2.3H_2O$. M.W. 210.28.

●Pkg—25, 50, 140 lb. carboys.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

CALCIUM THIOGLYCOLATE

$CaSCH_2COO.3H_2O$. M.W. 184. White powd. Sol. water. Uses—depilatory preparations.

●Pkg—5, 10, 25, 50, 100 lb. containers.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Evans Chemetics, 250 E 43 St, N Y 17

CALCIUM TITANATE

$CaTiO_3$. M.W. 136. Light tan powd. M.P. 3530°F. Sol. HF, dil. acids, hot conc. sulfuric; insol. water, alkalis. Uses—ceramic.

●Pkg—100 lb. drums, bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

CALCIUM TUNGSTATE (Calcium o-Tungstate, n-Calcium Wolframate)

$CaWO_4$. M.W. 288.08. Sp. gr. 6.06. Shining crystalline scales. Sl. sol. water. Uses—mfr. luminous paints; in photography X-ray pictures; in medicine.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Metallurg, Inc, 100 Park Ave, N Y 17

CALCIUM o-TUNGSTATE see Calcium Tungstate

CALCIUM UNDECYLENATE

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

n-CALCIUM WOLFRAMATE see Calcium Tungstate

CALCIUM ZIRCONATE SILICATE

$CaZrSiO_5$. M.W. 239.2. White powd. M.P. 2900°F. Sol. HF, sl. sol. hot conc. sulfuric; insol. water, alkalis. Uses—opacifier to produce closer grained textures particularly in high fired or zinc free low temp. ceramic glazes.

●Pkg—80 lb. bags, 500 lb. drums, bbls.

J M Baird Co, 254 W. 31 St, N Y 1
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

CALOMEL see Mercurous Chloride

CALX CHLORINATA see Bleaching Powder

CAMBOGIA see Gum, Gamboge

CAMPHANOL see Borneol

CAMPHENE

$C_{10}H_{14}$. M.W. 136. Crystalline solid. M.P. 41°C. Uses—raw material in the synthesis of camphor. L. Sol. organic solvents; insol. water.

●Pkg—583 lb. drums.

*Crosby Chem, P O Box 32, De Ridder, La
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

CAMPHOR, MONOBROMATED (a-Bromo-Camphor)

$C_{10}H_{15}OBr$. M.W. 231.0°C. White, crystalline powd. with a mild, camphor-like odor. Discolors on long exposure to sunlight. M.P. 76°C. Insol. in water, moderately sol. in alcohol, and very sol. in acetone, chloroform, and benzene. Uses—in medicine, as an antispasmodic and sedative; in mfr. medicinals. Grades—U.S.P. IX.

●Pkg—100 lb. kegs, 25, 100 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich

TAM ZIRCONIUM TITANIUM PRODUCTS
Registered U. S. Pat. Off.

DOUBLE SILICATES

Meltopax	Na_2ZrSiO_5
Zirconium Spinel	ZrO_2SiO_2 / Al_2O_3 ZrO
Barium Zirconium Silicate	$BaZrSiO_5$
Calcium Zirconium Silicate	$CaZrSiO_5$
Magnesium Zirconium Silicate	$MgZrSiO_5$
Zinc Zirconium Silicate	$ZnZrSiO_5$

TITANIUM ALLOY MFG. DIVISION

National Lead Company

111 Broadway, N.Y.C.

Plant: Niagara Falls, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Pharmaceutical *Industrial*

Imports **CHEMICALS** *Exports*

CAMPHOR USP Du Pont
CAMPHOR USP TABLETS 1 oz. & ½ oz.
NAPHTHALENE Leading Brands
HYOSCINE HYDROBROMIDE
MENTHOL CRYSTALS U.S.P.
QUININE and SALTS
SANTONIN N.F.
SULFUR PRECIP. U.S.P. Imported
COD LIVER OIL Peder Devold
CHLOROPHYLL Allen's
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SUGAR OF MILK

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Chicago Office 333 N. Michigan Ave.
Established 1910
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USP **CAMPHOR** TECHNICAL

CAMPHOR OIL WHITE

TECHNICAL SYNTHETIC

ESOR CHEMICAL CO.

205 East 42nd St., New York 17, N. Y. MUrray Hill 6-2088

CAMPHOR

- Agar Agar
- Bees Wax
- Citric Acid
- Cream of Tartar
- Gum Arabic
- Gum Tragacanth
- Lanolin
- Menthol
- Milk Sugar
- Naphthalene
- Oil Anise
- Cod Liver Oil
- Potash Permanganate
- Spermaceti Wax
- Vanillin

Also a Complete Line of Industrial and Fine Chemicals, Solvents, Gums, Waxes and Oils

MUTCHLER CHEMICAL CO., Inc.

258-259 Broadway, New York 7, N. Y. *DIgby 9-4735*

CAMPHOR U.S.P.

POWDER • TABLETS

McKESSON QUALITY SINCE 1833

CHEMICAL DEPARTMENT
McKESSON & ROBBINS
INCORPORATED
NATIONWIDE DISTRIBUTORS OF HEAVY AND FINE CHEMICALS

CAMPHOR, MONOBROMATED, continued

European Chem Co, 366 Broadway, N Y 13
Gane & Ingram, 43 W 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St. Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

CAMPHOR, NATURAL (Gum Camphor)

$C_{10}H_{16}O$. M.W. 152.23. Colorless or white cryst. granules, or crystalline masses. Sol. alcohol, ether, chloroform, volatile or fixed oils. Uses—internal or external medicinal preparations; veter. med.; in celluloid films, explosives, insect repellents, lacquers, varnishes.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Chemical Service Corp, 82 Beaver St, N Y 5
Cole Labs, 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Dura Commodities Corp, 20 Vesey St, N Y 7
Enco Chem Corp, 441 Lexington Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Internatio-Rotterdam, 61 Broadway, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kolon Trading Co, 15 Park Row, N Y 38
Mutchler Chem Co, 258-259 Broadway, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

CAMPHOR, SYNTHETIC

$C_9H_{16}CO$. White crystalline solid with characteristic odor.
●Pkg—100, 150 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
Cole Labs, 42-25 9 St, L I C 1, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
P R Dreyer, 113 W 19 St, N Y
Esor Chem Co, 205 E 42 St, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Howe & French, 99 Broad St, Boston, Mass
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Kolon Trading Co, 15 Park Row, N Y 38
Legion Chem, 70 Wall St, N Y 5
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9-Ave, N Y 11

CAMPHORIC ANHYDRIDE

$C_{10}H_{14}O_3$. M.W. 182.11. White, odorless, needle shaped cryst., Sp. gr. 1.19. M.P. 216°C. B.P. 270°C. Almost insol. water, freely sol. alcohol, ether.
●Pkg—Drums, custom packed.

Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CAMPHOSULFONATES

Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CANADA TURPENTINE **see Balsam, Canada**

CANADOL **see Benzine**

CANARIUM **see Gum, Elemi**

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

CAPROYL CHLORIDE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CAPROYL HYDRIDE see Hexane

CAPRYL BENZYL SEBACATE

$H_7C_7OOC(CH_2)_8COOC_8H_{17}$. M.W. 404. Light straw colored liq. Uses—plasticizer for vinyl resins and synth rubbers.

J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17

CAPRYLYL CHLORIDE (Octanoyl Chloride)

$CH_3(CH_2)_6COCl$. M.W. 162.7. Water-white to straw colored liq.; pungent odor. Miscible with most common solvents; reacts with water, alcohol. Uses—synthesis of emulsifying agents and lubricants.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Blos Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CARAMEL (Burnt Sugar Coloring)

Dark brown, deliq. amorp. powd. Sol. water. Uses—coloring liquids, foods; flavoring tobacco; in medicine.
● Pkg—Bbls., drums.

*E Berghausen Chem Co, 4538 W Mitchell Ave, Cincinnati 32, Ohio
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Shields Buying Service, 15 N Moore St, N Y 4

CARBAMIDE see Urea

CARBARSONE (p-Carbaminophenyl Arsonic Acid, N-Carbamyl Arsanilic Acid)

$C_7H_8O_4N_2As$. M.W. 260.05. White, odorless, crystl. or crystalline powd. Insol. water; sol. alkalies. M.P. 174°C. Used as an amebicide.
● Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Blos Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
*B L Lemke & Co, 199 Main St, Lodi, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CARBAZOLE

$C_{12}H_9N$. M.W. 167. B.P. 354°C. F.P. not less than 243°C. Insol. water; sl. sol. alcohols, aromatic hydrocarbons; very sol. pyridine bases. Uses—dyestuffs, explosives, insecticides, resins, organic synthesis.

*Blos Labs, 17 W 60 St, N Y 23
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*L & R Organic Products Co, 50 White St, N Y 13
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

CARBINOL see Methanol

CARBITOL see Ether, Diethylene Glycol Monoethyl

"CARBITOL"* PHTHALATE

(*Reg. Trade-Mark—Carbide & Carbon Chemical Co.)
● Pkg—1, 5, 55 gal. drums.

Barclay Chem Co, 75 Varick St, N Y 13
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

CARBON, ACTIVATED (Carbon, Clarifying, Carbon, Decolorizing, Carbon, Deodorizing)

Carbon in various physical conditions such that the absorption power is high. Uses—decolorizing agent; filtering medium; clarifying agent; gas absorption and purification; in solvent recovery systems; decolorizing and deodorizing. Grades—various as to brand and use.
● Pkg—Drums, bags.

*Atlas Powder Co, Wilmington 99, Del
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Girdler Corp, Gas Processes Div, 224 E Broadway St, Louisville 1, Ky
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L J & M La Place, Leilarts Lane, E Paterson, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Permutit Co, 330 W 42 St, N Y 36
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

CARBON BICHLORIDE see Tetrachloroethylene

CARBON BISULFIDE (Carbon Disulfide)

CS_2. Colorless liq. Odorless when pure, disagreeable otherwise. Sp. gr. 1.29272 (0°C). M.P. —1116°C. B.P. 46.25°C. Flash point 20°C. Ignition point under 220°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. rayon, varnishes, paint and varnish removers, rubber cements, germicides, cyanides, carbon tetrachloride, synth. hydrocarbons, ammonium sulfocyanide, matches, motor fuels, moth exterminator; vermin killer; cold vulcanizing agent; rubber, gutta percha.
● Pkg—5, 10, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5

DRUGS
CHEMICALS
OILS
WAXES

CAMPHOR USP
POWDER TABLETS
•
BENZOCAINE USP
•
BEESWAX USP
•
MILK SUGAR USP
•
SPERMACETI WAX USP

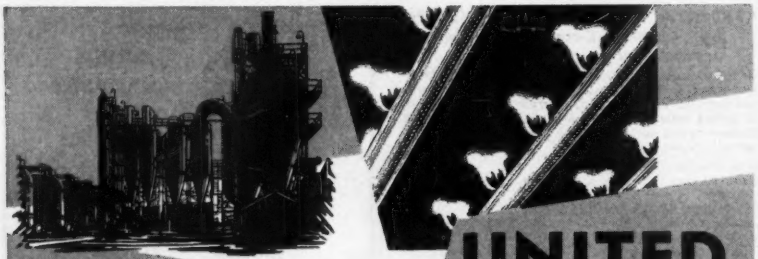
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Deodorizing
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Purifying
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(PURITY OVER 99.99%)
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Boron Trichloride
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Caustic Soda
Chlordane Insecticides
Chlorine
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Cream of Tartar
DDT and Formulations
Fire Extinguisher Fluid
Lindane and Formulations
Organic Phosphate Insecticides
Parathion Insecticides
Perchlorethylene
Potassium Nitrate
Rochelle Salt
Silicon Tetrachloride
Sodium Hydrosulphide
Sulphur (Specially processed for all uses)
Sulphur—Insoluble (for rubber compounding)
Sulphur Chlorides
Sulphuric Acid
Tartar Emetic
Tartaric Acid
Titanium Tetrachloride
Titanium Trichloride Solution
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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



UNITED FURNACE BLACKS and UNITED CHANNEL BLACKS are preferred for

RUBBER

Kosmobile 77	Dixiedensed 77	—EPC
Kosmobile S66	Dixiedensed S66	—MPC
Kosmos 20	Dixie 20	—SRF
Kosmos 40	Dixie 40	—HMF
Kosmos 50	Dixie 50	—FEF
Kosmos 60	Dixie 60	—HAF

PAINTS & LACQUERS

Kosmos F4	Dixie Perfecto
Kosmos BB	Dixie 5

INKS

Kosmos 15A	Dixiefluo A
Kosmos 1	Dixie R

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For Paints, Lacquers, Synthetics and Plastics
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DC Coblac, DC Globlak, Coblac Industrial, Coblac DD Sol, Covinylblaks (for Solution), Covinylblaks (for Plastics), Coresinblak No. 3, Costhloblak, Coshellacblak HH, Covarnishblaks, Codispersions

STEARIC ACID
Stearex

For Inks
Peerless, Peerless Beads, Peerless Mark II, Peerless Mark IIA, Ravens, 140, Statex Blacks, Molacco

For Paper and Board
Paris, Paris No. 2, Semi-Compressed Paris No. 2, Colloidal Dispersions

Bone Blacks, Drop Blacks
IVO No. 100, IVO No. 1, IVO No. 3, IVO No. 457

For Water and Casein Paints
Colloidal Dispersions

OXIDES OF IRON
Black, Brown, Red, Tan, Yellow

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BINNEY & SMITH CO.
Manufacturers, Exporters and Importers
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PARIS—16 Place Vendome
COPENHAGEN—Chr. IX's Gade 10

CARBON BISULFIDE, continued

*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Chemical Mfg Co, 444 Madison Ave, N Y 22
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17
*Kingston Chem Co, 15 William St, N Y 5
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 1a, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Shepard Chem Corp, 117 Liberty St, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wheeler, Reynolds & Stauffer, 636 California St, San Francisco 8, Cal

CARBON BLACK (Channel Black, Gas Black, Natural Gas Black, Ebony Black, Jet Black, Hydrocarbon Black)—see also Lamp Black, also Carbon Decolorizing

Practically all carbon (C.). Black, amorp. solid. Sp. gr. 1.723-1.773. M.P. 3500+. Sublimes. Insol. Uses—nfr. printing inks, paint, enamels, varnishes, automobile tires, rubber goods, paper, pyrotechnics, crucible steel, stove and shoe polishes, phonographic records, bookbinder's board, black leathers, electrical insulators, buttons, carbon paper, typewriter ribbons, crayons, carriage cloth, cements, mortars and building stones, celluloid, tarpaulins, drawing stencil and marking inks; rubber pigment; process engraving; case-hardening; absorbing poisonous gases. Grades—as to source, fineness, color.
●Pkg—25, 50 lb. bags.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Binney & Smith Co, 41 E 42 St, N Y 17
*Godfrey L Cabot, 77 Franklin St, Boston, Mass

Baker CHEMICAL

CARBON DISULFIDE
Technical
(Carbon Bisulfide)

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Chematar, Inc, 40 Exchange Pl, N Y 5
John A Chew, 60 E 42 St, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
C J Osborn Co, 132 Nassau St, N Y 38
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
*Shell Chem Corp, 50 W 50 St, N Y 20
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United Carbon Co, P O Box 1913, Charleston 27, W Va
R T Vanderbilt Co, 230 Park Ave, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

CARBON CLARIFYING see **Carbon (Activated)**

CARBON DECOLORIZING see **Carbon (Activated)**

CARBON DEODORIZING see **Carbon (Activated)**

CARBON DICHLORIDE see **Tetrachloroethylene**

CARBON DIOXIDE (Acid, Carbonic, Carbonic Gas, Dry Ice)

CO_2. Colorless, oderless gas. Also comes liq. form (colorless), and solid form (white snow-like). Sp. gr. Gas 1.53. Liq. 1.057. Solid 156. M.P. —65°C. B.P. —80°C. Sol. water. Uses—mfr. pure carbonates, ammonium sulfate, soda ammonium carbonates, salicylic acid, barium carbonate, pyrotechnics, carbonated beverages, hollow rubber wear, white lead, intermediates, organic chemicals, urea; general drying agent; gaseous distillation agent; anti-oxidizing agent in extracting natural dyes; leavening agent in baking; as disinfectant; antioxidizing agent and preservative in making, storing and shipping various products; "as snow" for keeping ice cream hard; for general refrigeration purposes; antiseptic preservative for meats and other foods; preventing dust explosions in flour mills; refrigerant in ice machines; fire extinguisher; shipping inflam. liqs.; refining sugar; packing tobacco; boiling out cotton and wool; extinction of fire in mines; cementation process in treating steel; preventing blow holes in castings; neutralizing agent in making glues and

WITCO CARBON BLACKS

- WITCO-CONTINENTAL Channel Blacks (EPC-MPC-HPC-CC)
- CONTINEX® Furnace Blacks (HAF-SRF-HMF-FEF)
- WITCOBLAKS®—Color Blacks
- SUNOLITE® (Anti-Sunchecking Wax)

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WYEX	Easy Processing Channel Black
ARROW TX	Medium Processing Channel Black
AROMEX	High Abrasion Furnace Black
AROMEX 115	Super Abrasion Furnace Black
MODULEX	High Modulus Furnace Black
ESSEX	Semi-Reinforcing Furnace Black
AROVEL	Fast Extruding Furnace Black
COLLOCARB	80% Carbon Black (any type)+20% Processing Oil

FOR INK
Aerfloted Arrow Carbon Black

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J. M. HUBER CORPORATION
100 Park Avenue, New York 17, N. Y.

CABOT carbon blacks
A Complete Range CHANNEL, FURNACE and THERMAL GRADES

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for NEWS INKS	Elf — Channel Blacks Sterling — Furnace Blacks
for HALFTONE INKS	Mogul, Mogul Special, Mogul A, Black Pearls A — Long Flow Channel Blacks
for PAPER	Elf 1 — Channel Black Sterling R — Furnace Black Sterling 99A — Furnace Black
for PAINTS, VARNISHES, LACQUERS, PLASTICS	Carbolac, Monarch, Supercarbovar — High Color Channel Blacks

CABOT
Other CABOT Products PLASTICIZERS PINE TAR PINE TAR OIL PINE OIL DIPENTENE CHARCOAL SOLVENTS SOFTENERS COKE WOLLASTONITE CLAY NATURAL GAS NATURAL GASOLINE OIL PUMPING EQUIPMENT
GODFREY L. CABOT, INC.
77 FRANKLIN ST., BOSTON 10, MASS. 518 OHIO BLDG., AKRON 8, OHIO 46 BAYARD ST., NEW BRUNSWICK, N. J.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Westvaco® CHEMICALS
TRADE MARK

CARBON TETRACHLORIDE
Technical and C.P.

CARBON BISULFIDE
ETHYLENE DIBROMIDE
FIRE EXTINGUISHER FLUID
CHLORAL

SEE BACK COVER FOR LIST OF WESTVACO CHEMICALS

WESTVACO CHEMICAL DIVISION
FOOD MACHINERY AND CHEMICAL CORPORATION
fmc

General Offices: 161 East 42nd St., New York • Chicago • Cincinnati • St. Louis • Los Angeles • Newark, Calif. • Charlotte • Denver • Vancouver • Philadelphia • Pittsburgh

Industrial CHEW Chemicals

CARBON TETRACHLORIDE
Technical, C. P.

STOCKS IN PRINCIPAL CITIES
DELIVERY THROUGHOUT THE UNITED STATES

PACKED:

DRUMS, 55 gallon, 5 gallon
CANS, 1 gallon, 1 quart, 1 pint
BOTTLES, 1 pound

John A. Chew
incorporated
60 East 42nd Street NEW YORK 17, N. Y. MU 2-0993

CARBON DIOXIDE, continued

adhesives and in chemical processes; in coal tar distillation; laboratory reagent; solvent recovery; promoting growth of plants. Grades—pure liq. CO_2 99.5%; tech.
● Pkg—Cylinders, 50 lb. blocks.

*Cardox Corp, 307 N Michigan Ave, Chicago 1, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Merchants Chem Co, 60 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pure Carbonic Co Div, 60 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
George Uhe Co, 76 9 Ave, N Y 11
*Wyandotte Chem Corp, Wyandotte, Mich

CARBON DISULFIDE see Carbon Bisulfide

CARBON HEXACHLORIDE see Hexachloroethane

CARBON MONOXIDE

CO. M.W. 28. Colorless gas.
● Pkg—1, 2, 8 lb. cylinders.

*Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

CARBON TETRACHLORIDE (Perchloromethane, Benzinoform, Tetrachlormethane)

CCl_4. Colorless, non-inflam. liq. peculiar odor. M.W. 153.8. Sp. gr. 1.595 (25°C). Lbs. gal., 13.28. M.P. —23°C. B.P. 76.0°C. V.D. (15°C.), lbs./cu. ft. 0.408. Latent heat of vap., B.T.U./lb. 83.7. S.H., Cal./kg./°C. or B.T.U./lb. °F. 0.203 (25°C.). Sol. alcohol, benzene, ether, and most of the fixed oils; very sl. sol. water. Uses—leather, carbinol, chloroform, organic and intermediate chemicals, acetic anhydride, dyes, lacquers, paints, varnishes, dry colors, printing inks, linoleum, metal polishes, rubber cements; general solvent and extracting agent for waxes; resins, fats, oils, perfumes from flowers, paraffin, rubber, etc.; degreasing wool, cotton waste and bones in glue making; in dry cleaning; fire extinguisher; in cleansing compositions; rubberizing fabrics; rendering benzene uninflammable; laboratory reagent; recovering tallow and ceresin wax; preserving grain; in medicine. Grades—99.5% and better; low freezing (.50 deg. F.); C.P.; U.S.P.; tech.
● Pkg—5, 10, 55 gal. drums

S L Abbot Co, 135 King St, San Francisco 7, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
De Bear, Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 265 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Corp, 350 5 Ave, N Y 1
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washington-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wheeler, Reynolds & Stauffer, 636 California St, San Francisco 8, Cal
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

CARBON TRICHLORIDE see Hexachloroethane

CARBON WELDING

*National Carbon Co Div, 30 E 42 St, N Y 17

CARBONIC GAS see Carbon Dioxide

CARBONYL CHLORIDE see Phosgene

CARBONYLDIAMIDE see Urea

CARBOXY-METHYL CHLORIDE see Acid, Chloroacetic (Di)

1-CARBOXY-PROPYLENE, see Acid, Crotonic

CARBROMAL (a-Bromo-a-Ethyl-Butyryl Urea, Bromodiethyl-Acetyl-Carbamide)

$C_7H_{13}O_2N_2Br$. M.W. 237.1. White, odorless crystalline powd. M.P. 116°C. Sol. boil. alcohol; sl. sol. water. Uses—medicinally as a hypnotic and sedative.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Pure Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Sumner Chem Co, 6 E 45 St, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CARBURIZING COMPOUNDS

Preparations which supply additional carbon to molten metals (iron, steel, etc.) for the purpose of hardening. See also Case-Hardening Materials, Nitriding Compounds.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Heatbath Corp, Box 78, Springfield, Mass
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y

CARNOT'S REAGENT see Bismuth Nitrate

CAROTENE

$C_{40}H_{56}$. M.W. 536. Sources—carrots, alfalfa, and red palm oil. It is the chief vegetable source of Vitamin A. Uses—principally as coloring and Vitamin A enrichment of foods, especially margerine.

*J M Baird Co, 254 W 31 St, N Y 1
*Barnett Labs, 6256 Cherry Ave, Long Beach 5, Cal
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Maxim Chem Co, 44 Cliff St, N Y 38
Nopera International Corp, 37 Wall St, N Y 5
*Nutritional Research Associates, S Whitley, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
Welch, Holme & Clark Co, 439 West St, N Y 14

CARRAGHEEN EXTRACTS (Irish Moss Extract)

Mixture of disulfate esters in which the nucleus is constituted by d-galactose residues; differing only by the cation fixed on the term. sulfate. M.W. depends on degree of polymerization and nature of cation. Uses—stabilizing, bodying and suspending agents, ice cream stabilization, emulsion stab., gelling agents in milk puddings; cosmetics, tooth paste.
● Pkg—50, 100, 200 lb. drums.

*Algin Corp of America, 24 State St, N Y 4
*Burtonite Co, P O Box 7, Nutley 10, N J
T M Duche & Sons, 117 Hudson St, N Y 13
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Phenix Foods Co, 500 Pestigo Ct, Chicago, Ill
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Jacques Wolf & Co, Passaic, N J

CARRENE see Methylene Chloride

CARRIERS

*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5

CARTHAMUS see Saffron, American

CARVACROL (2-Hydroxy-p-Cymene, Isopropyl-o-Cresol)

$C_{10}H_{14}O$. M.W. 150.21. Colorless or yellow liq. thymol-like odor. Uses—disinfectants.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CASE-HARDENING MATERIALS

Compounds which impart surface hardness to steel through the absorption of carbon during a heating followed by a quenching operation. The basis of case-hardening or carburizing compounds is usually wood charcoal, together with certain so-called "energizers" such as sodium or barium carbonates, cyanides, etc. Many compounds also have oil or other organic binders.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heatbath Corp, Box 78, Springfield, Mass
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Riches-Nelson, 342 Madison Ave, N Y 17

CASEIN, EDIBLE

White to yellowish amorp. powd. Sp. gr. 1.259. Sol. alkalies, alkaline carbonates, acids. The raw material must be free from harmful ingredients and the product must be manufactured under conditions conforming with food and drug laws. Uses—special foods; baking powd.; massage creams; cosmetics; pharmaceutical caseinates; adhesive in drinking straws and similar food containers; substitute for gelatin; albumen; clarifying wines. Graded according to use.
● Pkg—100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1

INDUSTRIAL AND REAGENT
CHEMICALS

CARBON
TETRACHLORIDE
ACETONE
CHLOROFORM
TRICHLORETHYLENE
PERCHLORETHYLENE

CITY CHEMICAL CORP.
132 W. 22nd St. New York 11, N.Y.
WA 9-2720

Sumner Chemical

manufacturers of

CARBROMAL
ACETYL CARBROMAL
ETHYL PAPAVERINE

Let Sumner be your source

SUMNER CHEMICAL COMPANY, INC.
Organic Chemicals
ZEELAND, MICHIGAN
General Sales Offices:
6 E. 45th St., New York 17, N. Y.
MUrray Hill 2-7970

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

casein

American-British
Chemical Supplies, Inc.
180 Madison Avenue, New York 16, N. Y.
MUrray Hill 6-0661

Casein
ALL GRADES

A dependable source for the kind of casein your needs require . . . when you want it . . . as you want it . . . and priced right.

• SULPHURIC • LACTIC • RENNET
NATIONAL CASEIN
601 W. 80th St., Chicago 20 • Broad & Fulton Sts., Riverton, N.J.

CASEIN, EDIBLE, continued

Barclay Chem Co, 75 Varick St, N Y 13
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Dalton-Cooper, 200 W 34 St, N Y 1
Republic Chem Corp, 94 Beekman St, N Y 38
*Sheffield Chem Co, P O Box 630, Norwich, N Y

CASEIN, INEDIBLE

White to yellowish amorp. powd. Sp. gr. 1.259. Sol. alkalies, alkaline carbonates, acids. Uses—mfr. casein cold water paints and varnishes, waterproofed paints and distempers, paint removers, water-resistant glues and adhesives, shoe polishes, synth. milk linoleum, pharmaceutical caseinates; mordant in dyeing and printing textiles; printing paste thickener; loading and softening silks and cottons; producing high gloss on fabrics; finishing and dressing leather; substitute for gelatin, albumen, shellac, gums, etc.; for various purposes; in celluloid and other plastics; rubber compounds; hard rubber; soaps; photographic films; printing artist's canvas; insulating compositions; bottle sealing compositions; adhesive thickener in insecticides; filler; binder in cork compositions and other plastics; glazing casks. Graded according to use.
•Pkg—100 lb. bags.

*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Avoset Co, 1530 Spring Garden St, Phila 1, Pa
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
Dalton-Cooper, 200 W 34 St, N Y 1
William Diehl & Co, 330 W 42 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Paul A Dunkel & Co, 1 Wall St, N Y 5
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
F H Paul & Stein Bros, 100 Gold St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Sheffield Chem Co, P O Box 630, Norwich, N Y

CASHOO see Cutch

CASSAVA see Tapioca Flour

CASTOR BEAN (Ricinus, Mexico Seed)

Seeds of Ricinus communus. Habitat: East and West Indies, Southern Europe, Africa, U. S. Uses—source of castor oil. Grades—tech.

H J Baker & Bro, 600 5 Ave, N Y 20
Dalton-Cooper, 200 W 34 St, N Y 1
George Degen & Co, 111 Broadway, N Y 6
William Diehl & Co, 330 W 42 St, N Y 36
Elbert & Co, 2 Broadway, N Y 4
W R Grace & Co, 7 Hanover Sq, N Y 5
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

CASTOR MEAL see Castor Pomace

CASTOR POMACE (Castor Meal)

Residue after oil has been removed from castor beans by pressure. Average analysis: ammonia, 5 to 8%, phosphoric acid 1 to 1.5%, potash 1 to 1.5%. Uses—for various fertilizer purposes.

H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Charles Page & Co, 50 E 42 St, N Y 17

CATALYST SUPPORTS, BAUXITE

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa

CATALYST SUPPORTS, FULLER'S EARTH

*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Barclay Chem Co, 75 Varick St, N Y 13
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CATALYST SUPPORTS, SILICA GEL

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Barclay Chem Co, 75 Varick St, N Y 13
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

Borden's

NEW ZEALAND CASEIN

• Paper coaters, adhesive manufacturers, leather finishers and other users of high grade domestic casein are turning to New Zealand casein for *low cost, a continuous source of supply, availability in any quantity for immediate or future delivery in 30, 60 and 80 mesh . . .* and properties equal to those of high-grade domestic casein.

THE BORDEN COMPANY
Chemical Division
350 Madison Ave., New York 17, N.Y.
VAnderbilt 6-4100

HERCULES



CELLULOSE DERIVATIVES

Nitrocellulose, cellulose acetate, ethyl cellulose, and cellulose gum (CMC—sodium carboxymethylcellulose).



GM51-1

HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

CATALYSTS, PETROLEUM
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md

CATECHOL see Pyrocatechol

CAULKING COMPOUNDS
Products which are easily applied with a trowel knife or Caulking gun, remain firm yet flexible, and adhere indefinitely to all types of masonry, building metals, wood, etc., to fill cracks, seams, joints, etc.
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Baer Bros, 438 W 37 St, N Y 18
*Belmont Smelting & Refining Works, 322 Belmont Ave, Bklyn 7, N Y
*Burgess Chem Co, 64 Hamilton St, Paterson 1, N J
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Landen Putty Works, 45 Irving St, Malden 48, Mass
*David E Long Corp, 220 E 42 St, N Y 17
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CAULKING MATERIALS
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Dow Corning Corp, Midland, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Johns-Manville, 22 E 40 St, N Y 16
*David E Long Corp, 220 E 42 St, N Y 17
*National Lead Co, 111 Broadway, N Y 6
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CAUSTIC ANTIMONY see Antimony Chloride

CAUSTIC BARYTA see Barium Hydroxide

CAUSTIC POTASH see Potassium Hydroxide

CAUSTIC SODA, see Soda, Caustic

CEDROL (Sesquiterpene Alcohol)
$C_{15}H_{25}OH$. Cryst. Uses—cedarwood, fixative. ●Pkg—Custom packed.
*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13

CELESTIN see Strontium Sulfate

CELLON see Acetylene Tetrachloride

CELLOSOLVE see Ether, Ethylene Glycol Monoethyl

CELLULOSE ACETATE (Acetyl Cellulose)
a. $C_6H_5(COOCH_3)_5$ or b. $C_6H_6O(COOCH_3)_4$ or c. $C_6H_7O_2(COOCH_3)_3$. White, solid, amorp. a. Sol. alcohol. Insol. water. b. Insol. water. c. Insol. water, alcohol, ether. Sol. chloroform, glacial acetic acid, nitrobenzene. Uses—mfr. rayon, airplane dopes, lacquers, varnishes, non-inflam. photographic and moving picture films, rubber compositions, non-shatterable glass, phonograph records, non-inflam, plastics; rending linens non-inflammable; insulating wires and other electrical parts; sizing and finishing material; coating glass to prevent precipitation of moisture; fireproofing leather; increasing lustre of pearls, molding compositions. Grades—tech. ●Pkg—125, 145 lb. sacks, drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Bell Chem Co, 25 W 44 St, N Y 36
*Celanese Corp of America, 180 Madison Ave, N Y 16

DAVISON
Catalysts

PETROLEUM CATALYSTS

M-S*
Microspheroidal Synthetic Silica-Alumina Petroleum Cracking Catalysts.

DA-1*
Ground Synthetic Silica-Alumina Petroleum Cracking Catalyst.

Atlantic Platinum Reforming Catalyst
Catalysts for the reforming of petroleum naphthas. Primary reactions are the formation of naphthenes and subsequent dehydrogenation to aromatics.

SPECIALTY & CUSTOM CATALYSTS

Catalysts made to specifications for these reactions:
Alkylation • Chlorination • Dehydrogenation
Esterification • Hydrogenation • Oxidation
Polymerization • Others

Typical Catalyst Supports:
Aluminas • Asbestos • Carbon • Kieselguhr
Pumice • Silica Gel

Typical Active Agents:
Aluminum • Bismuth • Chromium • Cobalt
Copper • Magnesium • Manganese • Mercury
Molybdena • Nickel • Palladium • Platinum
Silver • Vanadium

Catalyst made in these forms:
Extruded • Granular • Pelleted • Powdered
Spherical

Davison's Specialty Catalyst Plant is designed for flexibility and versatility in order to meet any given catalyst manufacturing problem. This plant is staffed by technically trained men experienced in the "know-how" of the manufacturing of catalysts. Each catalyst problem is handled separately and *confidentially*.

*T.M. Reg. U. S. Pat. Off.

For further information, write

Progress Through Chemistry

THE DAVISON CHEMICAL CORPORATION

Baltimore 3, Maryland

Producers of: Catalysts, Inorganic Acids, Superphosphates, Phosphate Rock, Silica Gels and Silicofluorides.
Sole Producers of DAVCO* Granulated Fertilizers.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

CELLULOSE ACETATE, continued

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
United Sterling Corp, 350 5 Ave, N Y 1

CELLULOSE ACETATE BUTYRATE

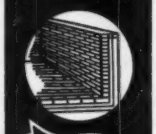
White amorp. solid. Uses—production of molding compositions; formulation lacquers, protective coatings. ● Pkg—Drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Bell Chem Co, 25 W 44 St, N Y 36
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Rosenthal Bercow Co, 25 E 26 St, N Y

SAUEREISEN

CORROSION-PROOF CEMENTS







Used by Leading Chemical Plants, Oil Refineries, and Processing Industries . . .

Sauereisen Cements offer complete resistance to both acids and alkalies, and temperatures up to 2000° F. Sauereisen makes special cements for use in the construction of towers, tanks, floors, sewers, drains, chimneys, etc. Write for latest catalog.

TRIAL ORDER
FOR ACID AND ALKALI USERS
Handy quart cans for making tests under your own conditions—5 different cements for only
$7.50

Send sketches and blue prints to allow us to recommend proper cement to use.

sauereisen

Sauereisen Cements Co., Pittsburgh 15, Pa.

*Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
United Sterling Corp, 350 5 Ave, N Y 1

CELLULOSE ACETATE LACQUER (Plastic Coating Lacquer)

Clear or colored liq., complex composition. Uses—coating molded cellulose acetate plastics to prevent surface tackiness in humid weather.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

CELLULOSE ACETATE PROPIONATE

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CELLULOSE, CHEMICAL COTTON

*Hercules Powder Co, 978 Market St, Wilmington 99, Del

CELLULOSE NITRATE (Nitrocellulose)

The esters of cellulose and nitric acid. (tri) $(C_{12}H_{17}O_7(NO_3)_3$. M.W. 459.16. (tetra) $(C_{12}H_{16}O_6(NO_3)_4$. M.W. 504.16. Both esters are white amorp. masses. Density 1.66. Insol. ordinary solvents, sol. absolute alcohol, glacial acetic acid. Uses—principal constituent of collodion. (penta) $(C_{12}H_{15}O_5(NO_3)_5$. M.W. 549.16. Density about 1.66. Insol. alcohol, benzene, ether, sol. mixt. alcohol or ether. (hexa) $C_{12}H_{14}O_4(NO_3)_6$. M.W. 594.16. Uses—principal constituent of guncotton; mfr. lacquers. Is a white amorp. substance, density 1.66. ignites about 160°C. Insol. in ordinary solvents. ● Pkg—5 gal. cans, 50 gal. bbls., drums.

*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Republic Chem Corp, 94 Beekman St, N Y 38
*Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill

CELLULOSE, OXIDIZED

Eastman Chem Products, Kingsport, Tenn

CELLULOSE SHEET AND BULK

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Brown Co, 150 Causeway St, Boston 14, Mass

CELLULOSE, WOOD

● Pkg—Bulk.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Brown Co, 150 Causeway St, Boston 14, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

CEMENTS, ACID-PROOF

Preparations resistant to most acids (hydrofluoric is the notable exception) to water, oil, and most solvents. Employed in acid-proof construction, building up metal patterns, cementing tile to aluminum in humidifiers, cementing metal to metal, as a pipe joint compound on underground oil and acid pipe connections, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*J Landau Co, 221 Wooster St, N Y 12
*National Carbon Co Div, 30 E 42 St, N Y 17
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, ASBESTOS

Asbestos base cements used extensively in the plumbing and steam fitting trades; in the mfr. of composition flooring, roof coatings, plastic wall finishes, in the mfr. of paints, asphalt compounds, etc.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Johns-Manville, 22 E 40 St, N Y 16
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, ASPHALT

A fluxed or unfluxed asphalt specially prepared for direct use in the mfr. of bituminous pavements, and having a penetration at 25°C. of between 5 and 250, under a load of 100 g., applied in 5 seconds (A.S.T.M. Standard Definition).

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Barrett Div, 40 Rector St, N Y 6
Phillip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, BELT

Used to splice leather belting; should possess good resistance to the action of oils, greases, and water. Also see Cements, Rubber for cements used on rubber belts.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Bell Chem Co, 25 W 44 St, N Y 36
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y

CEMENTS, BOILER

A sealing compound that permanently and effectively stops air infiltration through boiler settings, cracks, or pores into the combustion chamber to effect fuel economy and protect the boiler setting wall and top from dampness and deterioration.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Ironton Fire Brick Co, Ironton, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CEMENTS, BOOK BINDERS

Specially prepared for use in binding paper to cloth and leather; for binding leaf-sheaves together; also for binding body of book to back and covers. The higher grades are cold. liq. cements which are waterproof, remain flexible and will not become tacky in moist weather; will not deteriorate, or attract vermin or worms.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60

Carey

ASPHALT PRODUCTS

Built-up Roofs • Flooring • Elastic Expansion Joints • Fibrous Car Cement • Asphalt Car Roofings • Roof Coatings and Cements • Asphalt Shingles and Roll Roofings • Waterproofing Materials.

WRITE FOR DETAILS
CONCERNING SPECIFIC PRODUCTS
ADDRESS DEP'T CI-9

THE
PHILIP CAREY
MFG. CO.
Lockland, Cincinnati 15, Ohio
IN CANADA: The Philip Carey Co., Ltd. 277 Duke St., Montreal 3, P. Q.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, BRICK

Specialized compounds used as mortar in laying up brick; in smokestacks, in lining acid tanks, recuperators, etc., where concentrations of alkalies or acids are encountered.

*Armstrong Cork Co, Lancaster, Pa
*Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa
*Coplay Cement Mfg Co, 521 5 Ave, N Y 17
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CEMENTS, BRISTLE SETTING

Cements, usually formulated with synth. resins or rubber, used for setting bristles in brushes to provide a tenacious bond. They should have great durability and excellent resistance to benzene, oils, water and most paint and lacquer thinners. The viscosity of the bristle setting cement should be worked out experimentally in the brushmaker's plant.

*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, BUILDERS'

*Coplay Cement Mfg Co, 521 5 Ave, N Y 17
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CEMENTS, CARPETS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubba, Inc, 1015 E 173 St, N Y 60
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y

CEMENTS, CELLULOID

Specialized adhesives used to join in close union different pieces of pyroxylin, usually effected through the use of solvents on celluloid. Upon evaporation the pieces become for practical purposes a single unit in contrast to the usual method where the adhesive acts as a bond between the articles joined.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Bell Chem Co, 25 W 44 St, N Y 36
*Chemical Development Corp, Endicott St, Danvers, Mass
*Howe & French, 99 Broad St, Boston, Mass
*L J & M La Place, Lellarts Lane, E Paterson, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Lewis Chem Co, 400 Northampton St, Boston, Mass
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J

CEMENTS, CORK

Specialized adhesives used to bind cork to other materials and for sealing corks into bottles.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Products Mfg Co, 8127 33 Oleander St, New Orleans 18, La
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Burtonite Co, P O Box 7, Nutley 10, N J
*Catalin Corp of America, 1 Park Ave, N Y 16
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Varnitон Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

CEMENTS, ELECTRICAL RESISTING

Pastes or powds. which harden into porcelain or porcelain-type materials, insulate electricity, radiate heat, are resistant to most acids, alkalies, to oil and high temperatures. Replace insulating varnish and enamel, mica, asbestos, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Atlas Mineral Products Co, Norman St, Mertztown, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*General Elec, Chem Div, Pittsfield, Mass
*H V Hardman Co, 571 Cortlandt St, Belleville 9, N J
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, ENGRAVERS

Preparations used by engravers to mount halftones, zinc plates, etc., to the wooden block. Employed particularly where no shoulders are used that would permit other methods of fastening.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Products Mfg Co, 8127 33 Oleander St, New Orleans 18, La
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Shields Buying Service, 15 Moore St, N Y 4
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, FABRIC, CANVAS

Preparations of various ingredients used to join fabrics together in a permanent bond. Should not be seriously affected by oil, water, steam, etc., and remain indefinitely in an elastic state and not crack, chip or crumble.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armstrong Cork Co, Lancaster, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

CEMENTS, FELT

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armstrong Cork Co, Lancaster, Pa
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Barrett Div, 40 Rector St, N Y 6
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, FILLERS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*J M Huber Corp, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10

CEMENTS, FILM, PHOTOGRAPHIC

Specialized preparations used to join and repair moving picture film. Newer type cements have a solvent effect on the film providing a more permanent bond. See also Cements, Celluloid.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Bell Chem Co, 25 W 44 St, N Y 36
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Varnitон Co, 416 N Varney St, Burbank, Cal

CEMENTS, FOUNDRY

Adhesives used in foundry practice to bind parts together. See also Cements, Refractory; Cements, High Temperature.

*Armstrong Cork Co, Lancaster, Pa
*Foundry Services, 280 Madison Ave, N Y 16
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Ironton Fire Brick Co, Ironton, Ohio
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Robinson Clay Products Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich

CEMENTS, FURNACE

Preparations for setting-up and repairing joints in furnaces, ranges, heaters, and stoves, and for stopping holes in flues and draft pipes. Should be free from gritty particles, work smoothly, and adhere firmly to metal castings, etc.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Ironton Fire Brick Co, Ironton, Ohio
*Robinson Clay Products Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, GASKET

Preparations used either with or without a gasket to seal metal parts together, particularly the heads of automobile, stationary engines, etc. Must fill the fine pores, imperfections, or unevenness of the parts joined, making the joints permanently tight, and seal effectively against leakage of water, gas, oil, air, steam, and be impervious to acids and alkali.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Armstrong Cork Co, Lancaster, Pa
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

CEMENTS, GASKET, continued

*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*J Landau Co, 221 Wooster St, N Y 12
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, GLAZING

Adhesives used to fill scratches and imperfections and to give strong adhesion to parts mended together.

*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*J Landau Co, 221 Wooster St, N Y 12
*L Sonneborn Sons, 300 4 Ave, N Y 10
*William M Steih & Co, 20 Vesey St, N Y 7
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CEMENTS, GRAPHITE

Adhesives formulated with graphite, often in the colloidal form. Uses—on gaskets, etc.

*National Carbon Co Div, 30 E 42 St, N Y 17
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, INSULATING

Products formulated from mineral wool base, expanded vermiculite base, asbestos fibre and binder, or other materials and used principally for insulation purposes on irregular surfaces where it would be impracticable to apply sectional insulation, sheets or blocks. Used extensively by the steam-fitting and plumbing trade for insulation and finishing heating boilers and pipe fittings, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Armstrong Cork Co, Lancaster, Pa
*Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Elec Co, Chem Div, Pittsfield, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Johns-Manville, 22 E 40 St, N Y 16
*J Landau Co, 221 Wooster St, N Y 12
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, LABORATORY

General utility products finding wide application in laboratories for mending and repairing glass to glass, glass to metal, rubber to metal or glass, porcelain ware, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, LAMP BASING

Cements used to set electric light bulbs in their bases. Cements of this type are also employed for basing radio and other electronic tubes.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Bakelite Co, 30 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y

CEMENTS, LINOLEUM

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Products Mfg Co, 8127 33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Howe & French, 99 Broad St, Boston, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CEMENTS, MAGNESIUM OXIDE

*Dow Chem Co, Midland, Mich
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, OIL-PROOF

Adhesives with the property of sustained resistance to action of oil, gasoline, gasoline and oil fumes, etc., and finding such representative uses as cement for gaskets used in hosing, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Geo Callahan & Co, Closter, N J
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, PLASTIC

Formulated with heavy, weather-resisting asphalt and asbestos fibers to an easy troweling consistency. Used for repairing leaky seams, cuts or holes in roofs and for flashing.

*Acme Resin Corp, 1401 S Circle Ave, Forest Park, Ill
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Bakelite Co, 30 E 42 St, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Chemical Development Corp, Endicott St, Danvers, Mass
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Lewis Chem Co, 400 Northampton St, Boston, Mass
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rubba Inc, 1015 E 173 St, N Y 60
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*Varniton Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, PLASTIC, COAL TAR

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chm Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*J Landau Co, 221 Wooster St, N Y 12
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Rubba Inc, 1015 E 173 St, N Y 60
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEMENTS, PYROXYLIN

Solvents possessing the property of softening cellulose nitrate plastics without completely dissolving them. Body cements containing cellulose nitrate, plasticizers and solvents are compounded which will cause cellulose nitrate plastics to adhere to other bodies.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Bell Chem Co, 25 W 44 St, N Y 36
*Chemical Development Corp, Endicott St, Danvers, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
Morningstar, Nicol, 630 W 51 St, N Y 19
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*Varniton Co, 416 N Varney St, Burbank, Cal

CEMENTS, REFRACTORY

Preparations which assume a cold air set of extreme hardness at atmospheric temperatures, or may be baked. Uses—in making electric heating elements, coating resistors; on brick and concrete surfaces as a slurry; as a refractory coating, filling the pores, crevices and irregular surfaces; for lining furnaces.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Armstrong Cork Co, Lancaster, Pa
*Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa
*Foundry Services, 280 Madison Ave, N Y 16
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Ironton Fire Brick Co, Ironton, Ohio
*Johns-Manville, 22 E 40 St, N Y 16
*Keystone Refractories Co, 120 Liberty St, N Y 6
*National Lead Co, 111 Broadway, N Y 6
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

CEMENTS, ROOFING

Uses—on roofs; for gutters, flashings, chimneys, pipes, vents, watertroughs, skylights, downspouts, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Johns-Manville, 22 E 40 St, N Y 16
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

CEMENTS, RUBBER

1. As binders until sewing or clamping is accomplished; 2. As permanent bonds; 3. As vulcanized seals. Rubber cements are used in shoe-mfr., by automotive manufacturers for assembling upholstery, as sound deadeners, in the mfr. of pocket-books, impregnation of paper and wood fiber, for repairing tires and tubes, in balloon cements, in fastening linings to insides of tank cars, in securing rubber insulators to metal supports, etc. Laxtex cements are employed in fabricating carpets, for making mohair fabrics, for fastening the long hairs in haircloth used in lapels of coats, for the rubber setting of brushes; and for binding purposes in brake-lining compounds.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*H V Hardman Co, 571 Cortlandt St, Belleville 9, N J
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
Philip A Hunt Co, Palisades Park, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubba, Inc, 1015 E 173 St, N Y 60
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass

CEMENTS, RUBBER TILE

Specialized cements used for bonding rubber tile flooring to the under surface and the individual tiles to each other.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Atlas Adhesives Div, Leverington Ave & Flat Rock Rd, Phila 27, Pa
*Bell Chem Co, 25 W 44 St, N Y 36
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubba, Inc, 1015 E 173 St, N Y 60

CEMENTS, SULFUR

Preparations with a sulfur base, combined with other ingredients and used generally as a joint compound; melt and pour easily, possesses high tensile and compression strength, resist acids, water, oil, and show good adhesion to metal, brick, tile, etc. Uses—for caulking joints on cast iron, assembling porcelain insulators, sealing bolts, screws in electrical appliances and equipment, in acid-proof construction, etc.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

CEMENTS, TRANSPARENT

Specialized adhesives that give a transparent, non-staining, binding and protective coating for such products as cement, brick, wood, plaster, metals, fabrics, china, paper, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60

CHEMICALS — PER-CHEMICAL GFS PRODUCTS — APPARATUS

CERIC AND CEROUS COMPOUNDS

THE G. FREDERICK SMITH CHEMICAL COMPANY
COLUMBUS, OHIO

VERITAS TAMETSI CAELA CADANT

*American Products Mfg Co, 8127 33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Bell Chem Co, 25 W 44 St, N Y 36
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Chemical Development Corp, Endicott St, Danvers, Mass
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Howe & French, 99 Broad St, Boston, Mass
*Joy Chem, 133 Webster St, Pawtucket, R I
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rubba, Inc, 1015 E 173 St, N Y 60

CEMENTS, WATERPROOFING

Various formulations of bonding agents designed to impart a high degree of imperviousness to water, dampness, etc., and used for floors, side-walls, concrete tanks, silos, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Armstrong Cork Co, Lancaster, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coplay Cement Mfg Co, 521 5 Ave, N Y 17
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Howe & French, 99 Broad St, Boston, Mass
*Johns-Manville, 22 E 40 St, N Y 16
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*J Landau Co, 221 Wooster St, N Y 12
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CEPHAELIS see Ipecac Root

CERA FLAVA see Wax, Bees

CERESINS, SYNTHETIC

*Armstrong Cork Co, Lancaster, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Pennotex Oil Corp, 29 Broadway, N Y 6
L A Salomon & Bro, 216 Pearl St, N Y 38
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CERIC OXIDE see Cerium Oxide

CERIC SALTS

Amend Drug & Chem Co, 117 E 24 St, N Y 10
Conray Products Co, 510 Ave of the Americas, N Y 11
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Rare Earths, Box 488, Rd #4, Paterson, N J
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

CERIL OXALAS see Cerium Oxalate

CERIN see Wax, Ceresin

CERIUM DIOXIDE see Cerium Oxide

CERIUM HYDROXIDE

$Ce(OH)_3$ M.W. 191.15; white, gelatinous ppt.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

CERIUM, METAL

Ce. Rare earth element, iron-gray, ductile, malleable metal. Sp. gr. 6.90. M.P. 640°C. Uses—mfr. of cerium compounds. Grades—Mischmetall; cerium metallic commercial; cerium metallic pure.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*New Process Metals, 46-50 Center St, Newark 2, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

CERIUM NAPHTHENATE

*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CERIUM NITRATE

*Fine Organics, 211 E 19 St, N Y 3
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

CERIUM OXALATE (Cerous Oxalate, Ceril Oxalas)

$Ce_2(C_2O_4)_3 9H_2O$. Pinkish powd. or cryst., odorless. Decomp. on heating (200°C). Sol. alcohol, dilute H_2SO_4 or HCl. Uses—mfr. incandescent gas mantles; isolation of metals of cerium group; in medicine. Grades—U.S.P.; commercial.

●Pkg—25 lb. drums, 100, 250 lb. bbls.

J T Baker Chem Co, Phillipsburg, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ACETO

ALKYL CHLORIDES
ALKYL BROMIDES

OCTYL CHLORIDE
DECYL CHLORIDE
LAURYL CHLORIDE
MYRISTYL CHLORIDE
CETYL CHLORIDE
STEARYL CHLORIDE

Corresponding Bromides are also available

TECHNICAL DATA and SAMPLES ON REQUEST

Aceto CHEMICAL CO., INC.
40-40 Lawrence St., Flushing 54, N. Y.
INdependence 1-4100

CERIUM OXALATE, continued

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Rare Earths, Box 488, Rd #4, Paterson, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17
Variacoid Chem Co, 116 Broad St, N Y 4

CERIUM OXIDE (Ceric Oxide, Cerium Dioxide)

CeO_2 M.W. 172.13. Light yellow powd. Sp. gr. 7.3. M.P. 1950°C. Sol. nitric acid, sulfuric acids. Uses—mfr. ceramic glazes, incandescent gas mantles. Grades—tech.; C.P.
● Pkg—10, 25, 50, 100 lb. drums.

American Firstaline Corp, 420 Lexington Ave, N Y 17
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
C P Hall Co, 2100 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CEROSIN see Wax, Ceresin

CEROUS OXALATE see Cerium Oxalate

CEROUS SALTS

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
Conray Products Co, 510 Ave of the Americas, N Y 11
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CERUSE see Lead, White

CERUSSA see Lead, White

CETACEUM see Wax, Spermaceti

CETAL see Alcohol, Cetyl

CETYL BROMIDE

$C_{16}H_{33}Br$. M.W. 305.35. Yellowish liq. Insol. water; sol. organic solvents. Uses—anionic surface-active agents, pharmaceutical intermediate.
● Pkg—5, 13 gal. carboys.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

CETYL CHLORIDE (Hexadecyl Chloride, 1-Chlorohexadecane)

$C_{16}H_{33}Cl$. M.W. 260.9. Clean colorless liq. Uses—source of cetyl group in organic syntheses.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
Croda, Inc, 51 Madison Ave, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, *Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Cincinnati 13, Ohio
*Robinson, Wagner Co, 110 E 42 St, N Y 17

CETYL DIMETHYL BENZYL AMMONIUM CHLORIDE

$C_{16}H_{33}(CH_3)_2C_6H_5CH_2NCl$. M.W. 396.5. White, semi-crystalline powd. Sol. water. Uses—germicide.
● Pkg—Bottles, drums.

*Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fallek Products Co, 163 Broadway, N Y 6
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fine Organics, 211 E 19 St, N Y 3
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Winthrop-Stearns, 1450 Broadway, N Y 18

CETYL DIMETHYL ETHYL AMMONIUM BROMIDE

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

CETYL IODIDE

$CH_3(CH_2)_{14}CH_2I$. M.W. 352.18. White to sl. yellow cryst. to colorless or sl. yellow liq. M.P. 22°C. B.P. 212°C. Insol. water; sol. organic solvents.
● Pkg—Custom packed.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CETYL PYRIDINIUM BROMIDE

● Pkg—25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Croda, Inc, 51 Madison Ave, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*National Biochem Co, 3106 W Lake St Chicago 12, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y

CETYL PYRIDINIUM CHLORIDE

● Pkg—25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*National Biochem Co, 3106 W Lake St, Chicago 12, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y

CETYL PYRIDINIUM IODIDE

*Bios Labs, 17 W 60 St, N Y 23
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CETYL STEARATE

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Bios Labs, 17 W 60 St, N Y 23
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

CETYL TRIMETHYL AMMONIUM BROMIDE

$C_{16}H_{33}(CH_3)_3NBr$. M.W. 326. White powd. Sol. water, organic solvents. Uses—disinfectant, textile finishing agent.
● Pkg—1, 5, 10, 25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept Dyes & Chem Div, Wilmington 98, Del
*Fine Organics, 211 E 19 St, N Y 3
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

CHALK—see also Calcium Carbonate, and Whiting

Light-colored, amorp., solid, consisting mainly of $CaCO_3$ (calcium carbonate). Natural. Sp. gr. 1.9-2.8. Contains delicate skeletons of marine animals. Sol. acids. Uses—see calcium carbonate. Grades—crude; refined; light and heavy precipitated U.S.P.; dropped U.S.P.; English; Italian; French; domestic.
● Pkg—50 lb. bags, 100, 125 lb. drums.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
H J Baker & Bro, 600 5 Ave, N Y 20
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Merck & Co, Rahway, N J
*Mississippi Lime Co, Alton, Ill
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Pluess-Staufer (North American), 82 Beaver St, N Y 5
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

CHALK PRECIPITATED see Calcium Carbonate

CHANNEL BLACK see Carbon Black

CHARCOAL (Wood Charcoal, Vegetable Charcoal—see also Bone Black)

Black, amorp. solid. Sp. gr. 1.75-2.10. Sublimes at 3600°C. Insol. all common solvents, acids, alkalies. Uses—mfr. calcium carbide, charcoal iron, military gas masks, arc light electrodes, crayons, heating insulating compositions, paint colors, candle wicks; pigment colors, paints, glass, black powd., nitroglycerin and nitrocellulose explosives; chemical catalyst; general decolorizing and filtering medium in chemical processes; precipitant in chemical processes; volatile solvent absorbent; gas absorbent in cold storage, absorbent gas, casing-head gasoline and perfume products; decolorizing and deodorizing fats and oils; purifying water and deodorizing sewage; deodorant in breweries; case-hardening steel; fuel in forges; soil disinfectant; laboratory reagent; in refining alcohol and sugar; horticulture; poultry farming. Grades—Wood (willow, oak, pine, etc.) sticks; lump; powdered; tech.; U.S.P.; animal (bone black); powdered.
● Pkg—5, 10, 20, 50, 100 lb. bags.

*American Agricultural Chem Co, 50 Church St, N Y 7
J T Baker Chem Co, Phillipsburg, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Merchants Chem Co, 60 E 42 St, N Y 17
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Overland Commercial Corp, 400 Madison Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Wyandotte Chem Corp, Wyandotte, Mich

CHARCOAL, ACTIVATED

Form of carbon having a high adsorptive capacity for foreign molecules. Extent of adsorptive power depends upon size of capillaries of the charcoal and the size and chemical properties of the molecules to be adsorbed. Den.—when free from impurities is about 2.1. Chemical composition varies with source, may range from 10%-98% carbon. Uses—air purification by removal of gases; decolorizing; catalysts; gas-mask-canister filling; production

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

of high vacuum; medical remedy for cholic and diarrhea; as germicide; solvent recovery; gasoline recovery from natural gas; benzene recovery from manufactured gas.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

CHEMICALS, AGRICULTURAL

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Chem Paint Co, Ambler, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Barada & Page, Inc, Guinotte & Michigan Aves, Kansas City 20, Mo
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Bios Labs, 17 W 60 St, N Y 23
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davies Nitrate Co, 114 Liberty St, N Y 6
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Faesy & Besthoff, 325 Spring St, N Y 13
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Chem Div, 40 Rector St, N Y 6
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*International Selling Corp, 122 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monarch Chem Works, 22 & Ave H, E Omaha, Neb
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Ninol Labs, 1719 S Clinton St, Chicago 16, IN
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Peansylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Publicker Industries, 1429 Walnut St, Phila, Pa
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
Shepard Chem Corp, 117 Liberty St, N Y 6
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*William M Stieh & Co, 20 Vesey St, N Y 7
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, ANALYTICAL

Chemicals of high degree of purity used in research and control laboratories and usually sold under the following descriptive terms: Reagent, A.C.S., and Reagent grades denoting highest grade available, the former assuring conformity with American Chemical Society Standards, the latter generally applying to chemicals for which the A.C.S. has not made specifications and indicates a comparable grade of purity; C.P. suitable for routine work in industrial and educational institutions, conforming to analysis on label: U.S.P. and N.F. grades indicating conformity to the requirements of the United States Pharmacopoeia selection of chemicals physically clean and fairly chemical or the National Formulary: Pure grade. Indicates care and cally pure. See also under specific chemicals.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Bio-Synthetics Co, 710 W National Ave, Milwaukee 4, Wis
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bergstrom Trading Co, 233 Broadway, N Y 7
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass

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Dihydroxymaleic Acid
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Grignard Reagents
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o-Iodosobenzoic Acid
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*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Floridin Co, 220 Liberty St, Warren, Pa
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
Los Angeles Chem Co, 1960 Sante Fe Ave, Los Angeles 21, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio
*Southwestern Analytical Chem, 1107 W Gibson St, Austin 4, Tex

CHEMICALS, AROMATIC

Organic compounds derived from coal tar and natural sources used primarily in the soap, cosmetics, foodstuff and other industries to impart a pleasing odor or flavor and/or to disguise disagreeable ones.

*Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Aromatic Products, 15 E 30 St, N Y
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Barrett Div, 40 Rector St, N Y 6
*Bios Labs, 17 W 60 St, N Y 23
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Edwal Labs, Ringwood, Ill

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CHEMICALS, AROMATIC, continued

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd Cincinnati 13, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Roure DuPont, 366 Madison Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
George Uhe Co, 76 9 Ave, N Y 11
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, COAL TAR

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17

UHE

GEORGE UHE CO., INC.

76 NINTH AVENUE
NEW YORK 11, N. Y.

Established 1921

BROKERS *and* SELLING AGENTS

AMA

MASCHMEIJER

Aromatic Chemicals

A Complete Line of Basic Raw Materials for

Perfumes . . .
Cosmetics . . .
Soaps . . .
Insecticides

Dependable Quality

A. MASCHMEIJER JR., INC.
45 West 16th Street
New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

COAL TAR PRODUCTS

BENZOL, TOLUOL, XYLOL, SOLVENTS
CRUDE AND ROAD TAR, CREOSOTE OIL
PITCH, NAPHTHALENE, PHENOL

METAL SALTS

IMPORT EXPORT

COMMERCIAL STEEL & CHEMICAL CORPORATION

CABLE ADDRESS: COMMERSTEL
80 BROAD STREET
NEW YORK 4, N. Y.
PHONE: WHITEHALL 3-4284

Reilly

COAL TAR CHEMICALS

Aminopyridines
2-Aminopyridine
2-Amino-3-methylpyridine
2-Amino-4-methylpyridine
2-Amino-5-methylpyridine
2-Amino-6-methylpyridine
Acenaphthene
Acridine
Alkanolpyridines
Alkylpyridines (Higher)
2-n-Amylpyridine
4-n-Amylpyridine
4-Ethyl-4-methylpyridine
2-Hexylpyridine
2-Methyl-5-ethylpyridine
2-Methyl-5-ethylpyridine
2-(5-Nonyl) pyridine
4-(5-Nonyl) pyridine
Anthracene
Carbazoles
2,4,6-Collidine
Cresols
Cresylic Acids
Chrysene
Dimethylnaphthalenes
Diphenylene Oxide
2-Dipyridylethyl Sulfide
Ethylphenols
Fluorene
Fluoranthene
High Coefficient Acid
Isonicotinic Acid
Isoquinoline
Lepidine
Lutidines (2,4-, 2,6-, 3,4-)
2-Mercaptoethylpyridine
Methylisonicotinate
3-Methylisoquinoline
Methylnaphthalenes (1-, 2-, Alpha Beta)
Naphthalenes (Crude and Refined)
Niacin U. S. P.
Niacinamide U. S. P.
Phenanthrene
Phenol
4-Picoline
Pyrene
Pyridine Bases
Pyridine (synthetic)
Quinaldine
Quinoline
Vinylpyridines
Xylenols

. . . and all other Coal Tar Chemicals

15 Plants to Serve You

REILLY TAR & CHEMICAL CORP.
MERCHANTS BANK BUILDING INDIANAPOLIS 4, IND

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bios Labs, 17 W 60 St, N Y 23
*Brothers Pharmacal Co, Orange, N J
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Concord Chem Co, 80 E 2 St, Moorestown, N J
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Edwal Labs, Ringwood, Ill
Fallek Products Co, 163 Broadway, N Y 6
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*L & R Organic Products Co, 50 White St, N Y 13
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tar Residuals, 420 Lexington Ave, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CHEMICALS, COSMETIC

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fritzsche Bros, 76 9 Ave, N Y 11
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Chem Div, 40 Rector St, N Y 6
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hummel Chem Co, 90 West St, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

COAL TAR CHEMICALS

Anthracene, Naphthalene
Phenol, Pyridine, Tar Acids
Intermediates
Fine and Heavy Chemicals

FALCO

Fallek Products Co., Inc.

163 BROADWAY
NEW YORK 6, N. Y.

Cable Address: "Falcoprod"

ACTAMER*

2,2'-thiobis (4,6-dichlorophenol)

Specifications: White to very light tan powder; odor none to very faintly aromatic; melting point 187°C. min. Used as a skin bacteriostat in deodorant soaps, cosmetics and other topically applied preparations.

* *Trade-Mark*

MONSANTO
CHEMICALS – PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri

SERVING INDUSTRY...WHICH SERVES MANKIND

*Company classifies itself as manufacturer or producer of this product
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We can supply the standard aromatic chemicals in exceptional qualities, and have developed many new aromatic materials with which you should be familiar.

Samples on request.

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Call on Givaudan for

AROMATIC CHEMICALS

Perfume Oils

Essential Oil Derivatives

Odors for Cosmetics, Soaps, Aerosols, Insecticides

Givaudan-Delawanna, Inc.

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CHEMICALS, AROMATIC, continued

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd Cincinnati 13, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Roure DuPont, 366 Madison Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
George Uhe Co, 76 9 Ave, N Y 11
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, COAL TAR

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17

UHE

GEORGE UHE CO., INC.

76 NINTH AVENUE
NEW YORK 11, N. Y.

Established 1921

BROKERS *and* SELLING AGENTS

•

AMA

MASCHMEIJER

Aromatic Chemicals

A Complete Line of Basic Raw Materials for

Perfumes . . .
Cosmetics . . .
Soaps . . .
Insecticides

Dependable Quality

A. MASCHMEIJER JR., INC.
45 West 16th Street
New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

COAL TAR PRODUCTS

BENZOL, TOLUOL, XYLOL, SOLVENTS
CRUDE AND ROAD TAR, CREOSOTE OIL
PITCH, NAPHTHALENE, PHENOL

METAL SALTS

IMPORT EXPORT

COMMERCIAL STEEL & CHEMICAL CORPORATION

CABLE ADDRESS: COMMERSTEL
80 BROAD STREET NEW YORK 4, N. Y.
PHONE: WHITEHALL 3-4284

Reilly

COAL TAR CHEMICALS

Aminopyridines
2-Aminopyridine
2-Amino-3-methylpyridine
2-Amino-4-methylpyridine
2-Amino-5-methylpyridine
2-Amino-6-methylpyridine
Acenaphthene
Acridine
Alkanolpyridines
Alkylpyridines (Higher)
2-n-Amylpyridine
4-n-Amylpyridine
4-Ethyl-4-methylpyridine
2-Hexylpyridine
2-Methyl-3-ethylpyridine
2-Methyl-5-ethylpyridine
2-(5-Nonyl)pyridine
4-(5-Nonyl)pyridine
Anthracene
Carbazoles
2,4,6-Collidine
Cresols
Cresylic Acids
Chrysene
Dimethylnaphthalenes
Diphenylene Oxide
2-Dipyridylethyl Sulfide
Ethylphenols
Fluorene
Fluoranthene
High Coefficient Acid
Isonicotinic Acid
Isoquinoline
Lepidine
Lutidines (2,4-, 2,6-, 3,4-)
2-Mercaptoethylpyridine
Methylisonicotinate
3-Methylisoquinoline
Methylnaphthalenes (1-, 2-, Alpha Beta)
Naphthalenes (Crude and Refined)
Niacin U. S. P.
Niacinamide U. S. P.
Phenanthrene
Phenol
4-Picoline
Pyrene
Pyridine Bases
Pyridine (synthetic)
Quinaldine
Quinoline
Vinylpyridines
Xylenols

. . . and all other Coal Tar Chemicals

15 Plants to Serve You

REILLY TAR & CHEMICAL CORP.
MERCHANTS BANK BUILDING INDIANAPOLIS 4, IND

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bios Labs, 17 W 60 St, N Y 23
*Brothers Pharmacal Co, Orange, N J
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Concord Chem Co, 80 E 2 St, Moorestown, N J
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Edwal Labs, Ringwood, Ill
Fallek Products Co, 163 Broadway, N Y 6
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*L & R Organic Products Co, 50 White St, N Y 13
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tar Residuals, 420 Lexington Ave, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CHEMICALS, COSMETIC

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fritzsche Bros, 76 9 Ave, N Y 11
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Chem Div, 40 Rector St, N Y 6
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hummel Chem Co, 90 West St, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

COAL TAR CHEMICALS

Anthracene, Naphthalene
Phenol, Pyridine, Tar Acids
Intermediates
Fine and Heavy Chemicals

FPCO

Fallek Products Co., Inc.

163 BROADWAY
NEW YORK 6, N. Y.

Cable Address: "Falcoprod"

ACTAMER*

2,2'-thiobis (4,6-dichlorophenol)

Specifications: White to very light tan powder; odor none to very faintly aromatic; melting point 187°C. min. Used as a skin bacteriostat in deodorant soaps, cosmetics and other topically applied preparations.

* *Trade-Mark*

MONSANTO
CHEMICALS – PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri

SERVING INDUSTRY... WHICH SERVES MANKIND

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Eastman

chemicals for cosmetics

ULTRAVIOLET ABSORBERS FOR SUN-TAN PREPARATIONS

hydroquinone diethyl ether
hydroquinone dimethyl ether



PERFUME AROMATICS

hydroquinone dimethyl ether
Compound 77-B



STABILIZERS

Tenox BHA for such oils and waxes as paraffin, stearic acid, mineral oil and lanolin.



FINGER NAIL POLISH

FILM BASE
cellulose acetate

PLASTICIZERS
dimethyl phthalate
diethyl phthalate

SOLVENTS
acetone
ethyl acetate



All available in drums or cartons; some available in compartmented or full tank cars.

Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

Baker CHEMICAL

ELECTRONIC TUBE CHEMICALS

Aluminum Nitrate
Barium Acetate
Barium Nitrate
Cadmium Salts
Calcium Nitrate
Magnesium Oxide
Potassium Hydroxide, Pellets
Silicic Acid
Reagent Grade Acids
Cathode Coatings

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

CHEMICALS, COSMETIC, continued

*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Polak's Frutal Works, Middletown, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
L A Salomon & Bro, 216 Pearl St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
Tombarel Products Corp, 12 E 22 St, N Y 10
Joseph Turner & Co, Ridgefield, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

CHEMICALS, ELECTRONIC

Uses—In the prep. of electronically active solids, such as phosphors for fluorescent lamps, television screens, X-Ray intensification screens, oscilloscope screens, or any fluorescent coating, and in the production of non-metallic magnets and electronic devices employing semi-conductors.

*American Bio-Synthetics Co, 710 W National Ave, Milwaukee 4, Wis
*J T Baker Chem Co, Phillipsburg, N J
Bergstrom Trading Co, 233 Broadway, N Y 7
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*General Chem Div, 40 Rector St, N Y 6
Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CHEMICALS, ELECTROPLATING

Wide variety of chemicals, products, etc., used in the coating of metals, such as chromium, nickel, cadmium plating, etc.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y

MALLINCKRODT ELECTRONIC CHEMICALS

for television tubes, fluorescent lamps, radio tubes

- **CALCIUM PHOSPHATE DIBASIC S.L.***
- **CALCIUM CARBONATE S.L.**
- **CALCIUM FLUORIDE S.L.**
- **ACID SILICIC S.L.**
- **MAGNESIUM OXIDE S.L.**
- **MAGNESIUM CARBONATE S.L.**
- **BARIUM CARBONATE S.L.**
- **STRONTIUM CHLORIDE S.L.**
- **STRONTIUM PHOSPHATE S.L.**
- **MANGANESE CARBONATE S.L.**
- **ANTIMONY TRIOXIDE S.L.**
- **BARIUM FLUORIDE S.L.**
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Barclay Chem Co, 75 Varick St, N Y 13
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
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*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
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*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Enthone, Inc, 442 Elm St, New Haven, Conn
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*Fiber Chem Corp, P O Box 218, Matawan, N J
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*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
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*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Amend Drug & Chem Co, 117 E 24 St, N Y 10
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*Antara Chem Div, 435 Hudson St, N Y 14
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*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Benzol Products Co, 237 South St, Newark 5, N J
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*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
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*Cole Labs, 42-25 9 St, L I C 1, N Y
*Concord Labs, 292 Main St, Cambridge 42, Mass
Croton Chem Corp, 114 Liberty St, N Y 6
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*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fine Organics, 211 E 19 St, N Y 3
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane's Chem Works, 677 5 Ave, N Y 22
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Chem Div, 40 Rector St, N Y 6
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Hummel Chem Co, 90 West St, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mathieson Chem Co, Mathieson Bldg, Baltimore 3, Md
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*Millmaster Chem Corp, 11 W 42 St, N Y 36
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*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Purocaine, Inc, Valley Rd, Hockessin, Del
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
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*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Sterone Corp, 250 W 57 St, N Y 19
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Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Vitamins, Inc, 809 W 58 St, Chicago 21, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich
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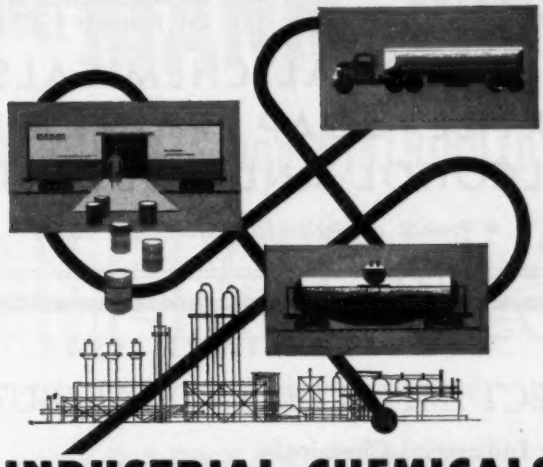
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*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Brown Co, 150 Causeway St, Boston, Mass
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
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*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14

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*Jefferson Chem Co, 260 Madison Ave, N Y 16

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*Merck & Co, Rahway, N J

*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass

*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa

*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

*Miller Products Co, Ft of SW Caruthers, Portland 1, Ore

*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J

Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

*Monsanto Chem Co, Phospate Div, 800 N 12 Blvd, St Louis 1, Mo

Mutchler Chem Co, 258-259 Broadway, N Y

National Chem Co, 1516 Industrial St, Los Angeles 21, Cal

National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J

*Neville Co, Neville Island, Pittsburgh 25, Pa

*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

Oil & Chem Products, 295 Madison Ave, N Y 17

*Oldbury Electro Chem Co, 19 Rector St, N Y 6

*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa

*Charles Page & Co, 50 E 42 St, N Y 17

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y

*Peiron Corp, 7740 W 47 St, Lyons, Ill

*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa

Phillips & Jacobs, 622 Race St, Phila 6, Pa

*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich

*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore

*Publicker Industries, 1429 Walnut St, Phila, Pa

*Reichhold Chem, 630 5 Ave, N Y 20

*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind

Riches-Nelson, 342 Madison Ave, N Y 17

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

*Sharples Chem, 123 S Broad St, Phila 9, Pa

Shepard Chem Corp, 117 Liberty St, N Y 6

Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y

Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass

*Solvay Process Div, 61 Broadway, N Y 6

Stanalchem, Inc, 350 Madison Ave, N Y 17

*Stauffer Chem Co, 420 Lexington Ave, N Y 17

*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

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Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

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*Tar Residuals, 420 Lexington Ave, N Y 17

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*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga

Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

Tobey Chem Co, 1472 Broadway, N Y 36

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*United States Industrial Chem Co Div, 120 Broadway, N Y 5

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

*Virginia Smelting Co, W Norfolk, Va

Wallach-Gracer Expert Corp, 55 W 42 St, N Y 36

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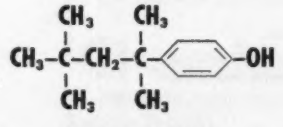
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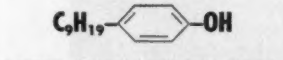
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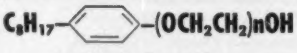
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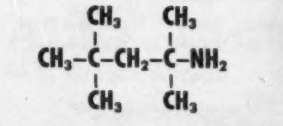


(n-1, 3 or 5)

DIMETHYL FORMAMIDE

$HCON(CH_3)_2$

t-OCTYLAMINE

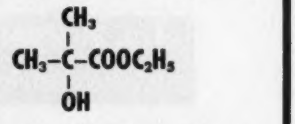


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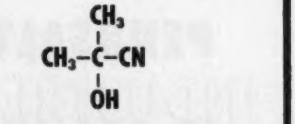
$CH_3(CH_2)nOH$

(n-9-15, 9-17, 13-17)

ETHYL HYDROXYISOBUTYRATE



ACETONE CYANOHYDRIN



ETHYLENE CYANOHYDRIN

$HO-CH_2-CH_2-CN$

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$HO-CH_2-CN$

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*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
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Amend Drug & Chem Co, 117 E 24 St, N Y 10
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*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ansul Chem Co, Marinette, Wis
*Antara Chem Div, 435 Hudson St, N Y 14
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*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
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*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Calco Chem Div, Bound Brook, N J
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*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md

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Merchants Chem Co, 60 E 42 St, N Y 17
*Metal & Thermit Corp, 100 E 42 St, N Y 17
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*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Aniline Div, 40 Rector St, N Y 6
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*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
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*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Publicker Industries, 1429 Walnut St, Phila, Pa
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*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
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*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
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*Solvay Process Div, 61 Broadway, N Y 6
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*Variacold Chem Co, 116 Broad St, N Y 4
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*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
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*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
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Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

CHEMICALS, RESEARCH

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Bio-Synthetics Co, 710 W National Ave, Milwaukee 4, Wis
*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
*Anderson Labs, Weston, Mich
*Antara Chem Div, 435 Hudson St, N Y 14
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Concord Labs, 292 Main St, Cambridge 42, Mass
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10 Pine St, S Norwalk, Conn

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Chem Div, 40 Rector St, N Y 6
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
*Pfanstiehl Chem Co, 104 Lakeview Ave, Waukegan, Ill
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

CHEMICALS, RUBBER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill

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Santoflex 35 (Same composition as Santoflex BX but with higher N,N'-Diphenyl-para-phenylenediamine content)
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*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
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William S Gray & Co, 342 Madison Ave, N Y 17
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Hercules Powder Co, 978 Market St, Wilmington 99, Del
*J M Huber Corp, 100 Park Ave, N Y 17
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reichhold Chem, 630 5 Ave, N Y 20
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, SILICONE

*Anderson Labs, Weston, Mich
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*General Elec Co, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

CHEMICALS, SOAPMAKING

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Bios Labs, 17 W 60 St, N Y 23
*Brown Co, 150 Causeway St, Boston, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
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*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
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*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Chem Div, 40 Rector St, N Y 6
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Hummel Chem Co, 90 West St, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Organic Chem Div, 1700 S 2 St, St Louis 4, Mo
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa

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Polak & Schwarz, 667 Washington St, N Y 14
Riches-Nelson, 342 Madison Ave, N Y 17
*Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
*Swift & Co, Technical Products Dept, 165 & Indianapolis Blvd, Hammond, Ind
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, TEXTILE

*Alrose Chem Co, Box 1294, Providence 1, R I
American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Bios Labs, 17 W 60 St, N Y 23
*Brown Co, 150 Causeway St, Boston, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Calco Chem Div, Bound Brook, N J
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Castle Color & Chem Co, 24 W 45 St, N Y 19
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Freilnghuysen Ave, Newark 5, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
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*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Alex C Ferguson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
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*Geigy Co, 89-91 Barclay St, N Y 8
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*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
William S Gray & Co, 342 Madison Ave, N Y 17
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Joy Chem, 133 Webster, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Keico Co, 31 Nassau St, N Y 5
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
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*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia Smelting Co, W Norfolk, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Witco Chem Co, 260 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

CHEMICALS, WATER TREATMENT

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Antara Chem Div, 435 Hudson St, N Y 14
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Bios Labs, 17 W 60 St, N Y 23
*Brown Co, 150 Causeway St, Boston, Mass
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemsol Inc, 74 Ded Court, Elizabeth 3, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Feedwaters Inc, 140 Cedar St, N Y 6
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*General Chem Div, 40 Rector St, N Y 6
Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Marathon Corp, Chem Div, Rothschild, Wis
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Rohm & Hass Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 15 Newman Ave, Rumford 16, R I
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Virginia Smelting Co, W Norfolk, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

CHESTNUT EXTRACT

Natural product obtained by bleaching bark of Castanea sativa. Uses—tanning leather; mordant in dyeing and printing textiles. Grades—ordinary; clarified; treated; 25% tan, 60% tan; liq.; pwd.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Dyewood Co, Main & Joralemon Sts, Belleville, N J
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Meer Corp, 318 W 46 St, N Y 36
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

CHICKEN PLASMA

*Microbiological Associates, 4046 Bethesda Ave, Washington 14, D C

CHILE SALTPETRE see Sodium Nitrate

CHINA BARK see Soap Bark

CHINESE BLUE see Prussian Blue

CHINESE OIL OF CINNAMON see Oil, Cassia

CHINESE VERMILION see Mercury Sulfide, Red

CHINESE WHITE see Zinc Oxide

CHEMICALS

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NEW YORK 17, N. Y.

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CABLE ADDRESS: HYALCHEM, NEW YORK



See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

CHINIOFON

C_9H_5OINS & $NaCO_3$. Yellow crystalline powd., which effervesces in water and forms sodium iodoxy quinoline sulfonate; used as an antidysenteric and anesthetic.
● Pkg—Drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*William M Stieh & Co, 20 Vesey St, N Y 7

CHINOLINE see Quinoline

CHINONE see Quinone

2-CHLOR 4 NITROANILINE see o-Chloro-p-Nitraniline

CHLORAL

● Pkg—1 gal. jugs, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Westvaco Chem Div, 161 E 42 St, N Y 17

CHLORAL HYDRATE (Crystalline Chloral)

$CCl_3CH(OH)_2$. M.W. 165.39. Transparent, colorless, rhomboidal cryst., or flat white crystalline masses. Pungent odor. Sp. gr. 1.901. B.P. 97.5°C. M.P. 47.4°C. Volatilize on exposure to air. Sol. water, alcohol, ether, oil of turpentine. Grades—tech.; U.S.P. Uses—in medicine; as an antiseptic; in organic synthesis.
● Pkg—25, 40 lb. bottles, 100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemco Pure Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
M W Hardy & Co, 141 Broadway, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

CHLORALLYLENE see Allyl Chloride

CHLORALUM see Aluminum Chloride

CHLORAMINE B (Sodium Benzenesulfonechloramide)

$C_6H_5SO_2NClNa$. M.W. 213.56. White cryst. Uses—germicidal agent, textile desizing agent, oxidizing agent, deodorizing agent; for modifying starch and metal treatment.

Bendix Chem Corp, 420 Lexington Ave, N Y 17

CHLORAMINE T, DI (N-Dichloro-p-toluenesulfonamide)

$CH_3C_6H_4SO_2NCl_2$. M.W. 240.04. Pale, yellowish cryst. or powd. M.P. 83°C. Sol. in water and most organic solvents.
● Pkg—25 lb. bottles, 50, 100 lb. drums, 300 lb. bbls.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11 N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CHLORAMINE T, MONO (p-Toluenesulfonamide Sodium Salt)

$CH_3C_6H_4SO_2NClNa.3H_2O$. M.W. 281.62. White, crystalline powd. Uses—antiseptic and germicide.
● Pkg—25 lb. bottles, 50, 100 lb. drums, 300 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

CHLORBENZENE see Monochlorobenzene

CHLORBENZOL PHENYL CHLORIDE see Monochlorobenzene

CHLOR-m-CRESOL see Chlorocresol

CHLORDANE (Octachloro-4,7-Methano-Tetrahydroindane)

$C_{10}H_6Cl_8$. M.W. 1141. Viscous liq. Sol. aliphatic, aromatic, chlorinated hydrocarbons, most ethers, esters. Uses—insecticide.
● Pkg—20, 65 lb. pails, 5, 55 gal. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Philip J Lo Bue Co, 277 Park Ave, N Y 17
McLaughlin Gormley King Co, 1715 S E 8 St, Minneapolis 14, Minn
*Miller Products Co, Ft of SW Caruthers, Portland 1, Oregon
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
John Powell & Co, 1 Park Ave, N Y 16
*Sennewald Drug Co, 2723 Chouteau Ave, St Louis 3, Mo
Ben P Steele Co, 342 Madison Ave, N Y 17
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CHLORETHANE see Ethyl Chloride

CHLORETONE see Chlorobutanol

CHLORGUANIDE HYDROCHLORIDE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5

CHLORINATED LIME see Bleaching Powder

CHLORINE

Cl_2. Greenish-yellow liq. or gas. Sp. gr. gas 3.214 (air=1), liq. 1.44 (10°C). B.P. liq.—33.6°C at 760 mm. Sol. water, alkalies. Uses—adv. hydrochloric acid, carbon tetrachloride, sulfur chloride, arsenic acid, sodium permanganate, carbonyl chloride, acetic anhydride, alkyl chlorides, bromine, organic and intermediate chemicals, chloral, dyes, military poison gases, ink, rubber substitutes; bleaching textiles, paper and pewd.; paper pulp reagent; general chlorinating, substituting, oxidizing, detinning and dezincing agents; recovering gold and silver from ores; nickel and cobalt metallurgy; purifying water deodorant and germicide; in medicine. Grades—tech.
● Pkg—100, 150 lb. cylinders.

Aluminum Import Corp, 630 5 Ave, N Y 20
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Belle Alkali Co, Belle, W Va
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Brown, 465 Congress, Portland, Me
*Brown Co, 150 Causeway St, Boston 14, Mass
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



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WHitehall 4-0007

CHLORINE, continued

C B Coburn Co, 63 Market St, Lowell, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Frontier Chem Co, 321 W Douglas, Wichita, Kan
*Hercules Powder, 978 Market St, Wilmington 99, Del
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Niagara Alkali Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

CHLORINE DIOXIDE

ClO₂. M.W. 67.46. Reddish-yellow irritating gas. Vapor density, approx. 2.4. Uses—taste and odor control; water purification; bleaching fats and oils, pulp, flour; oxidizing agent. ● Pkg—Cylinders.

*Cardox Corp, 307 N Michigan Ave, Chicago 1, Ill
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Solvay Process Div, 61 Broadway, N Y 6

CHLORMETACRESOL see Chlorocresol

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Chlorinated rubber (Parlon*) for chemical resistant paints, for concrete, metal, wood. Chlorinated paraffin (Clorafin*).



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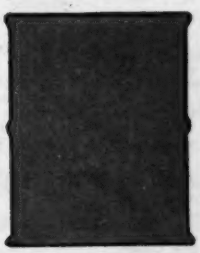
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JOHN WILEY JONES CO.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

CHLOROACETALDEHYDE

Cl-CH₂-CHO. M.W. 78.5. Colorless liq. Sp. gr. 1.203. Uses—syntheses, due to its having a strong aldehyde reaction and a replaceable chlorine atom.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Marathon Corp, Chem Div, Rothschild, Wis
*Westvaco Chem Div, 161 E 42 St, N Y 17

CHLOROACETAMIDE

ClCH₂.CO.NH₂. M.W. 93.50. White cryst. M.P. 118-119°C. B.P. about 225° with decomposition. Sol. 10 water, 10 absolute alcohol; sl. sol. ether.

*Chemical Development Corp, Endicott St, Danvers, Mass
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

o-CHLOROACETOACETANILIDE

$CH_3COCH_2CONHC_6H_4Cl$. M.W. 211.65. White, crystalline solid. M.P. 107°C. Insol. in water. Uses—mfr. azo dyes, including Hansa colors; intermediate in organic synthesis.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHLOROACETONE

CH_3COCH_2Cl. Chloroacetone contains an active ketone group and an extremely reactive chlorine atom. It finds application in the synthesis of many products such as pharamaceuticals, dyes, and other organic compounds. For example, Chloroacetone reacts readily with amines to form acetonyl-amines, with glycols to form chlorodioxolanes, with mercaptans to form sulfides or sulfur ethers, and with potassium formate to form acetol. Its purity is 85% to 90%, the remainder consisting almost entirely of unsymmetrical dichloroacetone. Chloroacetone is a very powerful lachrymator and will blister the skin on contact. Adequate precautions should therefore be taken in handling this product. Properties: B.P. 119°C at 760 mm. of mercury (pure material). Flash point, 42.2° C. (108°F). Sp. gr. 1.165 at 20°C/20°C. Wt. per U.S. gallon, 9.69 lbs. at 68°F. Refractive index, 1.4324 at 20°C. Coefficient of cubical expansion, 0.00110 per °C, 0.00061 per °F. Odor, strong, irritating (lachrymatory).

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

CHLOROACETOPHENONE (Phenacyl Chloride)

$C_6H_5COCH_2Cl$. M.W. 154.51. M.P. 59°C. Moisture less than 0.2%. Light brown crystalline solid. Uses—tear gas in cartridges, grenades and candles. Effective in concentrations as low as one part in three million of air. Grades—tech.

●Pkg—Cylinders.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

CHLOROACETYL CHLORIDE

$CH_2Cl.COCl$. M.W. 112.9. Clear, colorless liq. with sharp odor. Very irritating to eyes and mucous membranes. Sp. gr. 1.459 at 0/4°. Wt. per gal. 12.5 lbs. at 0°C. B.P. 105.0 to 106.0°C. Decomp. in water and alcohol. Uses—mfr. chloracetophenone; in organic syntheses.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

4-CHLORO-2-AMINO-ANISOLE see Chloroanisidine

m-CHLOROANILINE

C_6H_6NCl. M. W. 127.5. Clear, light, yellow liq. Distillation Range, 228.0°-231.0°C. Dry point (95% within 1.0°C). Cryst. point, approx.—10°C. Wt. per gal 10 lbs. Uses—mfr. dyestuffs, pigments. Metachloraniline find- application both direct, and when diazotized, as fast orange bases and salts. Used as an intermediate in the prep. of Anthosin Violet and Azo Brilliant Reds, Permanent Orange R. and Helio Orange GL. Ship. Reg.—Poison (label required). Ship. Classification—dye intermediate.

●Pkg—515 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Antara Chem Div, 435 Hudson St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

o-CHLOROANILINE

C_6H_6NCl. M.W. 127.54. Light amber-colored liq. Crystallizing point -4.5°C. min. Sol. dilute HCl. Distillation range 206.5°C to 211.5°C. (96% within 3°C.). Wt. per gal. 10 lbs., approx. Uses—intermediate for dyes.

●Pkg—535 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-CHLOROANILINE

C_6H_6NCl. M.W. 127.5. Yellowish white solid. Distillation Range—229.0°C. to 230.0°C. (95% within 1.5°C.). Wt. per gal.—11 lbs. approx. Uses—in the mfr. of chentlin yellow dyes. Ship—class; dye intermediate. Ship reg., poison (label required).

●Pkg—515 lb. drums

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

CHLOROANISIDINE (1-Methoxy-2-Amino-4-Chlorobenzene, 4-Chloro-2-Amino-Anisole)

$ClC_6H_3(OCH_3)NH_2$. M.W. 157.5. Gray crystalline solid. M.P. 83°C. Uses—dye intermediate.

●Pkg—Bbls., drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

b-CHLOROANTHRAQUINONE

$C_6H_4(CO_2):C_6H_3Cl$. M.W. 242.51. Tan powd. M.P. 208°C. Sol. hot organic solvents and sulfuric acid; insol. water. Uses—dyestuff intermediate. Grades—tech.

●Pkg—150 lb. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHLOROBENZALDEHYDE see Benzoyl Chloride

o-CHLOROBENZALDEHYDE

C_7H_5OCl. M.W. 140.5. Clear, colorless liq. of characteristic aromatic odor. F.P. about 9°C. B.P. at 760 mm., about 212°C. Sp. gr. 1.245 at 25°C. Uses—dye intermediate; for organic synthesis, and in the plastics trade.

●Pkg—50 lb. tins, 500 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

p-CHLOROBENZALDEHYDE

C_7H_5OCl. M.W. 140.5. White crystalline solid. B.P. about 214°C. Freezing point 44°C. Uses—as intermediate for dyes; organic synthesis and as raw material for plasters and resins.

●Pkg—50 lb. tins, 500 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

CHLOROBENZOL

●Pkg—5, 55 gal. drums.

*Chemical Products Corp, Cartersville, Ga
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

5-CHLOROBENZOTRIAZOLE

●Pkg—Drums.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

o-CHLOROBENZOTRICHLORIDE

$C_7H_4Cl_4$. M.W. 231. White solid. M.P. 25.4°C. Uses—dye intermediate; in organic synthesis.

●Pkg—125 lb. carboys.

*Heyden Chem Corp, 342 Madison Ave, N Y 17

p-CHLOROBENZOTRICHLORIDE

●Pkg—125 lb. carboys.

*Bios Labs, 17 W 60 St, N Y 23
*Heyden Chem Corp, 342 Madison Ave, N Y 17

m-CHLOROBENZOTRIFLUORIDE

*Bios Labs, 17 W 60 St, N Y 23
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

o-CHLOROBENZOTRIFLUORIDE

*Bios Labs, 17 W 60 St, N Y 23
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

p-CHLOROBENZOTRIFLUORIDE

*Bios Labs, 17 W 60 St, N Y 23
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

o-CHLOROBENZOYL CHLORIDE

$C_7H_4OCl_2$. M.W. 176. Colorless liq. B.R. at 760 mm., about 118° F.P. about —6°C. Uses—dye intermediate; for organic synthesis.

●Pkg—125 lb. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

p-CHLOROBENZOYL CHLORIDE

$C_7H_4OCl_2$. M.W. 176. Colorless liq. or white crystalline solid. B.P. about 222°C. Freezing point about 16°C. Uses—as dye intermediate and for organic synthesis.

●Pkg—125 lb. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

o-CHLOROBENZYL CHLORIDE

$Cl.C_6H_4.CH_2Cl$. M.W. 161.03. Crystalline form—needles. M.P. 29°C. Insol. in water. Uses—quartenary ammonium compounds, chlorobenzylating agents.

●Pkg—125 lb. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

p-CHLOROBENZYL CHLORIDE

$ClC_6H_4CH_2Cl$. M.W. 161.03. A clear liq. Sharp odor. B.P. 213-214°C. Uses—intermediate mfr. of dyes, medicinals, esters.

●Pkg—125 lb. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

CHLOROBROMOMETHANE

●Pkg—800 lb. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

CHLOROBUTANOL (Chloretone, Acetone Chloroform, tert-Trichlorobutyl Alcohol)

C Cl_3 $(CH_3)_2$ COH. M.W. 177.47. White cryst. Sol. organic solvents. Uses—in medicine.

Phillip Bauer Co, 608 S Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bedman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

CHLOROCRESOL (Chlor m-Cresol)

$C_6H_3CH_3.OH.Cl$. White crystalline powd. B.P. 236°C. Sol. alcohol, benzene, chloroform. Uses—mfr. oxymono-azo dyes, parachlormetacresol dyes; preservative glue pastes and inks; disinfectant.

●Pkg—50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge W, Rochester, N Y
George F Smith, 60 E 42 St, N Y 17
*Tar Residuals, 420 Lexington Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

CHLORO-m-CRESOL (Chloroxymethylbenzene)

$C_6H_3CH_3.OH.Cl$. White crystalline powd., cresol odor. B.P. 236°C. Sol. alcohol, benzene, chloroform. Uses—mfr. oxymonoazo dyes, parachlormetacresol $CH_3C_6H_3Cl.[4].HO$ dyes; preservative glue pastes and inks; as disinfectant.

● Pkg—50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Tar Residuals, 420 Lexington Ave, N Y 17

p-CHLORO-m-CRESOL

C_7H_7OCl. M.W. 142.53. Colorless cryst., phenolic odor. Sol. organic solvents; insol. water. M.P. 46°C. B.P. 196°C. Use—antiseptic preparations.

● Pkg—50, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Ottawa Chem Co, 823 Hamilton St, Toledo 7, Ohio
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Riches-Nelson, Inc, 342 Madison Ave, N Y 17
*Tar Residuals, 420 Lexington Ave, N Y 17

CHLOROFORM (Trichloromethane, Formyl Trichloride, Methanyl Trichloride)

$CHCl_3$. M.W. 119.38. Colorless, volatile liq., characteristic odor. lbs./gal., 12.52. Sp. gr. 1.5025 (12.5°/4°C). M.P. 63.2°C. B.P. 61.20°C. V.D. (15°C). lbs./cu. ft. 0.315. Latent Heat of Vap., B.T.U./lb., 106.4 S.H., cal./kg./°C. or B.T.U./lb./F., 0.254 (20°C.). Sol. alcohol, ether. Sl. sol. water. Uses—mfr. dyes, derived pharmaceuticals; solvent for extracting essential oils; fatty oil, rubber and gutta percha solvent; dissolving resins and alkaloids; fire extinguishing liq. to lower freezing point; cleansing delicate fabrics and fine garments. Grades—C.P.; U.S.P.; tech.

● Pkg—5, 55 gal. drums.

American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
*Belle Alkali Co, Belle, W Va
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Brown, 465 Congress, Portland, Me
*Brown Co, 150 Causeway St, Boston, Mass
*Chemical Mfg Co, 444 Madison Ave, N Y 22
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Esor Chem Co, 205 E 42 St, N Y

P. C. M. C.
(p-Chloro-m-Cresol)
D. C. M. X.
(2:4 dichloro- 3:5 dimethyl Phenol)
RN
TEL: MURRAY HILL 7-7267
CABLE: RICNELCHEM, N. Y.
RICHES-NELSON, INC.
Chemicals and Allied Products
342 MADISON AVENUE NEW YORK 17, N. Y.

L J & M La Place, Lellarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Solvay Process Div, 61 Broadway, N Y 6
Ben P Steele Co, 342 Madison Ave, N Y 17

CHLOROGUANIDE HYDROCHLORIDE

● Pkg—Custom packed.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Lack Chem Co, 19 Park Pl, N Y 7
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Sterone Corp, 250 W 57 St, N Y 19

CHLORO-IODO-OXYQUINOLINE

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*B L Lemke & Co, 199 Main St, Lodi, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

a-CHLORONAPHTHALENE

A chlorinated naphthalene. See monochlornaphthalene for properties and uses. Alphachlornaphthalene is a product usually of higher purity, with B. Range held to closer limits and containing no free chlorides or sulfates.

● Pkg—Liquid—55 gal. drums; cakes, flakes—80 lb. containers; solid—80/120 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

BELLE
CHLOROFORM
METHYLENE CHLORIDE
METHYL CHLORIDE
MURIATIC ACID
BELLE ALKALI COMPANY
DIVISION OF
DIAMOND ALKALI CO.
Chemicals you live by

Fine Chemicals
BPC
Chlorbutanol
BENZOL PRODUCTS CO.
237 SOUTH STREET NEWARK 5, N. J.

CHLOROFORM
U.S.P. AND TECHNICAL
McKESSON QUALITY SINCE 1833
CHEMICAL DEPARTMENT
McKESSON & ROBBINS
INCORPORATED
NATIONWIDE DISTRIBUTORS OF HEAVY AND FINE CHEMICALS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

MONSANTO PARACHLOROPHENOL

Specifications: Yellowish-to-brown crystalline mass; crystallizing point 42.5°C. min.; Sp. Gr. 1.256-1.262 at 45.0°/15.5°C.

MONSANTO CHEMICALS – PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri

SERVING INDUSTRY...WHICH SERVES MANKIND

o-CHLORO-p-NITRANILINE (2-Chlor 4 Nitroaniline)

$ClC_6H_3(NO_2).NH_2$. M.W. 172.5. Yellow cryst. solid. Sol. in most organic solvents; insol. water. M.P. above 107.0°C. Uses—as a dye intermediate.
● Pkg—120 lb. drums, 150 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Sherwin-Williams Co, 100 Park Ave, N Y 17

p-CHLORO-o-NITRANILINE (4-Chlor-2-Nitraniline)

$ClC_6H_3NO_2NH_2$. M.W. 172.46. Bright orange finery ground powd. M.P. 116°C. Uses—intermediate in the mfr. of dry colors and dyestuffs.
● Pkg—200 lb. drums, 225 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

1-CHLORO-1-NITROETHANE

CH_3CHNO_2Cl. M.W. 109.52. Uses—solvent for fats and waxes; antigelling agent for rubber cement.

*Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y

1-CHLORO-1-NITROPROPANE

$CH_3CH_2CHNO_2Cl$. M.W. 123.54. Miscible with most organic solvents. Uses—solvent for fats and waxes; antigelling agent for rubber cement.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

2-CHLORO-2-NITROPROPANE

$CH_3CNO_2ClCH_3$. M.W. 123.54. Miscible with most organic solvents. Uses—solvents for fats and waxes; anti-gelling agent for rubber cement.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

CHLOROPANOL see Propylene Chlorohydrin

1-CHLOROPENTANE see n-Amyl Chloride

o-CHLOROPHENOL

C_6H_5OCl. M.W. 128.53. Yellow or brown liq. Dist. limits 173.0° to 177.0°C. Sp. gr. 1.265 at 15.5°C. Wt. per gal. 10.5 lbs. approx. Uses—mfr. alizarines, pyrocatechol, in organic synthesis. Ship. Class.—dye intermediate. Ship. reg.—Poison (label required).
● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Tar Residuals, 420 Lexington Ave, N Y 17

p-CHLOROPHENOL

C_6H_5OCl. M.W. 128.53. Wt. per gal., 11 lbs. approx. Distillation limits 218.0° to 220°C. Distillation range 4°C. max. Yellowish light brown crystalline mass, unpleasant penetrating odor. Sp. gr. 1.306. M.P. 37°C. B.P. 217°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. dyestuffs, intermediates, hydroquinone, pharmaceutical derivatives.
● Pkg—55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Tar Residuals, 420 Lexington Ave, N Y 17

CHLOROPHENOL, BLUE (Tetrachlorophenol Sulfonphthalein)

$C_{19}H_{10}Cl_4O_5S$. M.W. 492. Light yellow crystalline powd. Uses—pH indicator; pH range 3.0 (yellow) to 4.6 (blue).
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

CHLOROPHENOL, RED (Dichlorphenolsulfonphthalein)

$C_{19}H_{12}Cl_2O_5S$. M.W. 423.2. Fine, green or greenish-brown crystals. Uses—pH indicator; pH range 5.2 (yellow) to 6.8 (red).
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

2-CHLORO-4-PHENYLPHENOL

$C_6H_3.C_6H_3ClOH$. M.W. 204.5. Light-colored crystalline solid. B.P. at 7 mm. 160-162°C. M.P. above 77.0°C. Sol. sodium hydroxide solutions and most organic solvents; insol. in water.
● Pkg—100, 200 lb. drums.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

6-CHLORO-2-PHENYLPHENOL

● Pkg—5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

p-CHLOROPHENYL PHENYL SULFONE

*Stauffer Chem Co, 420 Lexington Ave, N Y 17

CHLOROPHYLL (Leaf Green)

$C_{32}H_{42}O_7N_4Mg$. Green, solid, crystalline. Natural. No. M.P. Decomposes on heating. Sol. alcohol; very sl. sol. ether. Uses—coloring foods, stearin candles, leather, perfumes, cosmetics, vaseline, soap and wax. Grades—oil sol.; water sol.
● Pkg—Drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Clifford Chem Div, 170 Broadway, N Y 38
*Collett-Week-Nibecker, Inc, Quimby St, Ossining, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
McKesson & Robbins, 155 E 44 St, N Y
Nepera International Corp, 37 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14
George J Wiesner Co, 150 Nassau St, N Y 38

CHLOROPICRIN (Chlorpicrin, Nitrochloroform, Nitrochloromethane, Trichlornitromethane)

CCl_3NO_2. M.W. 164.38. Colorless liq. Sp. gr. 1.692. M.P. —64°C. B.P. 112°C. Sol. alcohol, ether. Uses—killing silkworm in cocoons; as military poison gas; insecticide; disinfectant; in medicine.
● Pkg—Bottles, 25, 50, 100, 180 lb. cylinders.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

b-CHLOROPROPIONITRILE

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHLOROPROPYLENE OXIDE see Epichlorohydrin

CHLORPROPYLENEGLYCOL see a-Monochlorohydrin

2-CHLOROPYRIDINE

ClC_5H_4N. M.W. 113.55. Oil. B.P. 166°C. Sol. water.
● Pkg—Carboys, 5, 50 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CHLOROQUINOLINE

ClC_9H_6N. M.W. 163.60. Crystalline. Sol. organic solvents.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

2-CHLOROQUINOLINE

ClC_9H_6N. M.W. 163.60. Needle-shaped cryst. M.P. 37°C. B.P. 275°C. Insol. water; sol. alcohol; very sol. benzene, ligroin.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHLOROSILANE

*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich

a-CHLOROSTYRENE

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill

o-CHLOROSTYRENE

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

p-CHLOROSTYRENE

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

n-CHLOROSUCCINIMIDE

●Pkg—Bottles, drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*National Aniline Div, 40 Rector St, N Y 6
*Toelle Chem Co, R D 1, Box 75, Newton, N J

2-CHLOROTHIOPHENE

●Pkg—1, 5 gal. carboys, 50 gal. drums.

Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

CHLOROTHYMOL

Germicide. Reported 120 times the germicidal strength of phenol, when tested against staphylococcus. aureus.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Ottawa Chem Co, 823 Hamilton St, Toledo 7, Ohio
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

CHLOROTOLUENE

$ClC_6H_4CH_3$. Colorless liq.; mixture of ortho and para isomers. Sp. gr. 1.078-1.088 at 15½°/15½°C. Uses—rubber accelerators; organic intermediates.

●Pkg—44, 450, 475 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Sterone Corp, 250 W 57 St, N Y 19

o-CHLOROTOLUENE

$C_6H_4Cl(CH_3)$. Colorless liq. Sp. gr. 1.085 (15°C.). B.P. 159°C. Sol. alcohol, benzene, chloroform, ether. Uses—mfr. intermediates, orthochlorbenzaldehyde, o-Chlorbenzoic acid.

●Pkg—45, 100, 105, 115 lb. carboys, 425, 450, 475 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

p-CHLOROTOLUENE

$C_6H_4ClCH_3$. Colorless liq. Sp. gr. 1.074. (15°C.). M.P. 7.4°C. B.P. 162°C. Sol. alcohol, benzene, chloroform, ether. Uses—mfr. intermediates, parachlorbenzaldehyde, parachlorbenzoic acid.

●Pkg—50 lb. tins, 425 lb. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

CHLOROTOLUOL see Benzyl Chloride

p-CHLORO-m-XYLENOL

Intermediate used in the mfr. of dyestuffs; in organic synthesis.

●Pkg—50, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Ottawa Chem Co, 823 Hamilton St, Toledo 7, Ohio
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

CHLOROXYMETHYLBENZENE see Chloro-m-Cresol

CHLORPICRIN see Chloropicrin

CHLORYLENE see Trichloroethylene

CHOLEPYRRIN see Bilirubin

CHOLESTEROL

$C_{27}H_{44}O$. White, unctuous, pearly leaflets. Sp. gr. 1.0667. Melts 148-149°C when anhydrous. Sl. sol. in water; sol. in benzene, chloroform, ether, hot alcohol, oils, fats. Uses—in medicine, antihemolytic, anti-autolytic. Grades—tech. Cont.-tins.

●Pkg—Custom packed.

Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
Chematar Inc, 40 Exchange Pl, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
Clifford Chem Div, 170 Broadway, N Y 38
*Collett-Week-Nibecker, Quimby St, Ossining, N Y
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Henley & Co, 801 2 Ave, N Y 17
*Merck & Co, Rahway, N J
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

CHOLINE BITARTRATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE CHLORIDE NNR

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE CHLORIDE 70% SOLUTION, FEED GRADE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE COMPOUND (Sincaline, Bilineurine, Amanitine, Gossypine, Vidine, Bursine, Luridine, Fagine.)

$C_5H_{15}O_2N$. M.W. 121.13. Found in many plants and animal organs, e.g., bile, brain, yolk of eggs, hops, belladonna. It is the basic constituent of Lecithin. Colorless, viscid, strongly alkaline liq.; very sol. in water; alcohol; insol.—ether. Uses—usually as the chloride.

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Conray Products Co, 510 Ave of the Americas, N Y 11
*Dawe's Products Co, 4800 S Richmond St, Chicago 32, Ill
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*B L Lemke & Co 199 Main St, Lodi, N J
Mayco Chem Co, 5 Union Sq W, N Y 3
*Merck & Co, Rahway, N J
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
Nepera International Corp, 37 Wall St, N Y 5
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pendergrast Chem Co, 313 Chester Ave, S E, Atlanta, Ga
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CHOLINE DIHYDROGEN CITRATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE GLUCONATE 65% SOLUTION

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE METHIONINE TARTRATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

CHOLINE SALTS see Salts, Choline and Ad on this page

CHONDRUSH see Moss, Irish

CHROME see Chromite

CHROME ALUM see Alum, Potash Chrome

CHROME GREEN

A precipitated mixture of lead chromate and iron ferro and ferricyanide blue, with or without other insol. compounds of lead used as a pigment. Available as a dry pigment, paste in oil, or paste in Japan.

●Pkg—Custom packed.

Barclay Chem Co, 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6

META

CHOLINE SALTS

Pharmaceutical & Feed Grades
Choline Chloride, NNR
Choline Dihydrogen Citrate, NNR
Choline Bitartrate
Tricholine Citrate
Choline Gluconate

—

Exclusive Sales Agent
R. W. Greeff & Co., Inc.
10 Rockefeller Plaza, New York, N. Y.
Tribune Tower, Chicago, Illinois

META CHEMICAL CORP.
Carlstadt, N. J.

*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CHROME IRON STONE see Chromite

CHROME ORANGE

●Pkg—50 lb. bags, 385, 400 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

CHROME ORE see Chromite

CHROME, TAN

*Mutual Chem Co of America, 270 Madison Ave, N Y 16

CHROME YELLOW see Lead Chromate

CHROMIC ANHYDRIDE see Acid, Chromic

CHROMIC CHLORIDE see Chromium Chloride

CHROMIC FLUORIDE see Chromium Fluoride

CHROMIC OXIDE see Chromium Oxide

CHROMIC SULFATE see Chromium Sulfate

POWDERED ORES
MINERALS, METALS
AND ALLOYS

CHROMIUM METAL
FERRO CHROMIUM
FERRO COLUMBIUM
FERRO MANGANESE
FERRO TITANIUM
FERRO VANADIUM
IRON CARBONATE
FERRO BORON
TI-AL ALLOY
MAGNETITE
CHROMITE
RUTILE
ZIRCON

Shieldalloy Corporation
180 PARK AVENUE
NEW YORK 17, N. Y.
MUrray Hill 6-3335

SHIELDALLOY

CHROMITE (Chrome, Chrome Ore, Ferrochromite, Chrome Iron Stone)

$FeOCr_2O_3$. Natural mineral. Sp. gr. 4.3-4.6°C. Insol. acids. Uses—mfr. bichromates and other chrome materials, chrome alloys of various kinds, chrome bricks, furnace linings. Grades—various.

*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
International Selling Corp, 122 E 42 St, N Y 17
*Metallurg, Inc, 100 Park Ave, N Y 17
Nopel Corp, 2 Broadway, N Y 4

CHROMIUM ACETATE (Chromous Acetate)

Chromic normal $Cr(C_2H_3O_2)_3H_2O$. Chromous normal $Cr(C_2H_3O_2)_2+H_2O$. Chromic normal grayish-green powd. Chromous normal brownish-violet powd. Sol. water; insol. alcohol. Uses—mordant in dyeing and printing textiles; in tanning leather; gas analysis. Grades—solution 20 deg. Be.; paste; powd.; tech.; C.P.

● Pkg—55 gal. bbls., drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Glover M Birk, Mfg Chemist, Monon & Lincoln Ave, New Albany, Ind
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Republic Chem Corp, 94 Beekman St, N Y 38
*Southern Textile Chem Corp, Clearwater, S C
*Jacques Wolf & Co, Passaic, N J

CHROMIUM BROMIDE (Chrome Bromide)

$CrBr_3 6H_2O$. M.W. 399.85. Dark greenish-black, very deliq. cryst. Sol. 0.5 water, alcohol, insol. ether.

City Chem Corp, 132 W 22 St, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn

CHROMIUM CARBONATE (Chromic Carbonate)

A basic carbonate, containing 50-55% chromium 73-80% CrO_3. Grayish-blue powd. Insol. water; sl. sol. water containing CO_2; sol. in mineral acids.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

CHROMIUM CHLORIDE (Chromic Chloride, Chromium Sesquichloride)

$CrCl_3$. Greenish, crystalline powd. Sp. gr. 2.757 (15°C). B.P. 1200-1500°C. Sl. sol. hot water, sol. water in presence of trace chromous chloride. Sublimes to form chromium sesquichloride. Used as a catalyzer. Uses—mfr. chromium salts; catalyst in making intermediates and organic chemicals; mordant in dyeing and printing textiles; finishing leather; electroplating chromium. Grades—tech.; C.P.

● Pkg—55 gal. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Chem Div, 40 Rector St, N Y 6
*Glover M Birk, Mfg Chemist, Monon & Lincoln Aves, New Albany, Ind
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Variacoid Chem Co, 116 Broad St, N Y 4

CHROMIUM FLUORIDE (Chromic Fluoride)

$CrF_3.4H_2O$. Green crystalline powd. Sp. gr. 3.78. Decomposes on heating. Sol. water, acids. Uses—mordant in dyeing and printing textiles; pigment in coloring marble; hardening stone. Grades—cryst. (33% Cr_2O_3); solution (11% Cr_2O_3); tech., C.P.

● Pkg—400 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

CHROMIUM FORMATE

● Pkg—Bottles.

*City Chem Corp, 132 W 22 St, N Y 11
*Fiber Chem Corp, P O Box 218, Matawan, N J

CHROMIUM HYDROXIDE (Chromic Hydroxide)

$Cr(OH)_3$. M.W. 103.03. Grayish-blue or grayish-green powder. Insol. water; sol. dil. mineral acids when freshly prepared. Use—As pigment, also dissolved in NaOH as a mordant.

J M Baird Co, 254 W 31 St, N Y 1
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

CHROMIUM, METAL

Cr. Steel gray. Solid. Sp. gr. 6.92. M.P. 1615°C. B.P. 2200°C. Sol. acids. Uses—mfr. ferro-chromium; as catalyst in making dyestuffs, intermediates, etc.; in metallurgy.

J M Baird Co, 254 W 31 St, N Y 1
Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Shieldalloy Corp, 100 Park Ave, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CHROMIUM NAPHTHENATE

J M Baird Co, 254 W 31 St, N Y 1
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CHROMIUM NITRATE

$Cr(OH)(NO_3)_2$. M.W. 193. Dark green liquid. Sol. water, alcohol. Uses—intermediate.

● Pkg—Custom packed.

General Chem Co, Phillipsburg, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

CHROMIUM OLEATE

● Pkg—450 lb. drums.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

CHROMIUM OXALATE

$CrC_2O_4.H_2O$. M.W. 158.03. Yel. cryst. powd. Sol. water. Available in sample quantities, larger amounts produced on order.

J M Baird Co, 254 W 31 St, N Y 1
*Zinsser & Co, Hastings-on-Hudson, N Y

CHROMIUM OXIDE (Chromic Oxide, Oil Green, Chromium Sesquioxide, Green Cinnabar)

Cr_2O_3. M.W. 152.02. Bright green, crystalline powd. Sp. gr. 5.21. M.P. 1990°C. Slightly sol. acids. Uses—mfr. chromium alloys, chromates, intermediates and organic chemicals, target signals, dyes, electric batteries, green pigment in ceramics, glass, inks, paints, varnishes and rubber; catalyst in chemical processes; laboratory reagent; mordant in dyeing and printing textiles; in steel, brass and metal industries; process engraving; medicine. Grades—tech.; C.P.

● Pkg—50 lb. bags, 100, 400 lb. drums, 300, 450, 500 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
George F Smith, 60 E 42 St, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

CHROMIUM POTASSIUM SULFATE see Alum, Potash Chrome

CHROMIUM POWDER

Cr. 99.50%. Supplied in various meshes such as 250-300 mesh.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Hummel Chem Co, 90 West St, N Y 6

CHROMIUM SESQUICHLORIDE see Chromium Chloride

CHROMIUM SESQUIOXIDE see Chromium Oxide

CHROMIUM STEARATE

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

CHROMIUM SULFATE (Chromic Sulfate, Wool Mordant)

a. $Cr_2(SO_4)_3$. b. $Cr_2(SO_4)_3 15H_2O$. c. $Cr_2(SO_4)_3.18H_2O$. a. Violet or red. b. Dark green. c. Blue. All solids. a. Amorp. b. Amorp. scales. c. Crystalline. Sp. gr. a. 3.012. b. 1.867. c. 1.7 (22°C). Loses water on heating. a. Insol. water, acids. b. Sol. water. c. Sol. water. Uses—mfr. green inks; green pigment in ceramics, paints, and varnishes; mordant in dyeing and printing textiles. Grades—tech.; cryst.; scales; powdered; C.P.

● Pkg—55 gal. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Glover M Birk, Mfg Chemist, Monon & Lincoln Aves, New Albany, Ind
*Fiber Chem Corp, P O Box 218, Matawan, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38

CHROMIUM TRIOXIDE see Acid, Chromic

CHROMOUS ACETATE see Chromium Acetate

CHRYSENE

$C_{18}H_{12}$. M.W. 228.09. An aromatic hydrocarbon occurring in coal tar. Colorless scales, reddish-violet fluorescence. M.P. 250-254°C; B.P. 448°C. Insol. —water. Sol.—hot solvents.

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Henley & Co, 801 2 Ave, N Y 17
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

CINCHOPHEN (Phenylcinchoninic Acid, 2-Phenylquinoline-4, Carboxylic Acid, Quinophan [B.P.C.], Phenoquin, Argotan)

● Pkg—25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Calco Chem Div, Bound Brook, N J
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

CINNAMIC ACETATE

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CINNAMIC ALDEHYDE

C_9H_8O. M.W. 132.11. Yellowish liq. with cinnamon odor. Uses—in perfumery.
●Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

CINNAMIC BUTYRATE

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Frank Samuel & Co, 24 State St, N Y 4

CINNAMIC FORMATE

●Pkg—Custom packed.

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36

CINNAMIC PROPIONATE

●Pkg—Custom packed.

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J

CITRAL

$C_9H_{15}CHO$. Occurs in 4 isomeric forms. Colorless to yellowish liq. with lemon odor. Sp. gr., 0.895 at 20°C. Uses—to give lemon odor to perfumes; used in lemon extract and in flavoring.
●Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*George Lueders & Co, 427 Washington St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

CITRIC ESTERS

J M Baird Co, 254 W 31 St, N Y 1
*Blos Labs, 17 W 60 St, N Y 23
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

CITRONELLAL

$C_{10}H_{18}O$. M.W. 154.19. Colorless liq. B.P. 207°C. Very sl. sol. water, miscible with alcohol or ether. Uses—perfumery, flavoring.
●Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick S, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Tombarel Products Corp, 12 E 22 St, N Y 10
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

CITRONELLOL

$C_{10}H_{20}O$. M.W. 156.21. Colorless liq. with rose odor. Very sl. sol. water, miscible alcohol or ether. Sp. gr. 0.859. at 20°C. B.R. 223 to 228°C. Uses—perfumery.
●Pkg—50 lb. cans.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*George Lueders & Co, 427 Washington St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

CIVET, NATURAL

Unctuous secretion from civet cat, Viverra civetta, Zibetha. Habitat Asia, Malakka Islands and East Indies. Sol. hot alcohol and ether; insol. in water. Uses—fixative for perfumes. Grades—tech.; crude and refined.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dalton-Cooper, 200 W 34 St, N Y 1
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10

CLAYS, ACTIVATED

Acid-treated clays, usually bentonite whose bleaching action has been considerably increased by the action of the acid. Generally used in form of fine powd.

*Attapulgus Minerals & Chem Corp, 210 Washington Sq, Phila, Pa
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
L A Salomon & Bro, 216 Pearl St, N Y 38

CLAYS, BALL

A tough, strong and very plastic clay, though not necessarily white in color, as a matter of fact it usually runs gray, tan, bluish, etc.—the name "Ball Clay" is derived from the original clay pits in England, where this kind of clay was mined in the form of balls, each ball weighing approx. 33 lbs.
●Pkg—75 lb. bags.

*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, BLEACHING

Include those earth products used in the refining of petroleum, animal, and vegetable oils by the percolation and contact techniques. See also Fuller's Earth; Bauxite; Clays, Activated; Clays, Bleaching.

*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William D Neuberg Co, 420 Lexington Ave, N Y 17
L A Salomon & Bro, 216 Pearl St, N Y 38
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, CALCINED

Clay, either China or Ball, which has been subjected to a rather high heat (approx. 2400 to 2450 deg. F.) which removes or destroys certain chemicals found in the natural material—also removes the plastic qualities and combined water.

*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Floridin Co, 220 Liberty St, Warren, Pa
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J

CLAYS, CERAMIC

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harwick Standard Chem Co 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, CHINA (Kaolin, Bolus Alba, Argilla, White Bole, Porcelain Clay, Cornish Clay, Pipe Clay, Porcelain Earth)

$Al_2O_3.2SiO_2.2H_2O$. White to grayish fine powd. Sp. gr. 1.8-2.6 Sol. hydrochloric acid. Uses—mfr. glass, potteries, porcelains, white earthenware, tile, glazes and slips, textile size, color lakes, lead pencils, rope, string, emery wheels, litharge, ceramic colors, electric insulators, scouring soaps; wall paper, paper, paint and rubber filler; printing paste thickener and filling agent; bleaching agent and clarifier of oils, paints, varnishes, enamels; tanning and finishing leather; in medicine. Grades—various as to color, etc.
●Pkg—55, 100 lb. bags

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J

ECCO CLAYS
FOR
ALL PURPOSES
• PAPER MAKERS
• POTTERY
• PULVERIZED
• COLLOIDAL
• BALL
CLAYS
ENGLISH CHINA CLAYS SALES CORP.
551 FIFTH AVENUE ● NEW YORK 17, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

CLAYS-KAOLINS

IMPORTED AND DOMESTIC

China Clay	Albany Slip
Colloidal Clay	Ball Clay
Barytes	Marble Flour
Bentonite	Plaster Paris
Chalk	Potato Starch
Cornwall Stone	Pumice
Feldspar	Red Iron Oxide
Fullers Earth	Silica
Gypsum	Soapstone
Lime	Talc
Limestone	Terra Alba

Whiting

●

Hammill & Gillespie, Inc.

225 BROADWAY, NEW YORK 7

EST. 1848

Materials Processed *With Your Product in Mind*

QUALITY clays of high whiteness, fractionated to special particle sizes to meet the requirements of manufacturers of filled and coated papers, wallpaper, paint, ink, leather, rubber, plastics and ceramics.

Edgar

Edgar Brothers Company

METUCHEN, NEW JERSEY

Incorporated 1899

MINES, PLANTS AND LABORATORIES, McINTYRE AND GARDNER, GEORGIA

CLAYS, CHINA, continued

Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Charles B Chrystal Co, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth 3, N J
*Hamnill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
William D Neuberg Co, 420 Lexington Ave, N Y 17
L A Salomon & Bro, 216 Pearl St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Thiele Kaolin Co, P O Box 270, Sandersville, Ga
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, COATING

China clays (kaolins) distinguished from others by the rather strict control of particle size distribution; generally 70%-95% by wt. consists of particles under 2 microns. Color, brightness and viscosity are also controlled. Uses—coating paper, textiles, etc., in paints and as high grade fillers.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thiele Kaolin Co, P O Box 270, Sandersville, Ga
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, COLLOIDAL

A type of clay which will remain in suspension for quite a period of time without settling.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill.
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Reheis Co, Snyder Ave, Berkeley Heights, N J
L A Salomon & Bros, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W. Broadway, N Y 13

CLAYS, CRUCIBLE

A particular type of Ball Clay, capable of withstanding extremely high temps. Uses—in the mfr. of various types of crucibles.

*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, CRUDE POT

A highly refractory clay, used almost exclusively in the mfr. of glass pots which in turn are used in the mfr. of glass.

*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, ENAMELERS'

Clays which are rather plastic and "fatty"—must be capable of floating the non-plastic enamel ingredients. This type of clay should be extremely pure and free from carbonates. There are several uses for this clay in enamels, one, for the ground coat, the other, the finishing coat. During the past few years a combination of domestic clays, including a very pure Florida clay has become very popular with the enameling industry.

*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, FILLER

Various types of clays used in paper coating, textile sizing, paint mfr., pharmaceuticals as fillers and extenders.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Lignite Products Co, P O Box 5, Ione, Cal
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Commercial Mineral Co, 310 Irwin St, San Francisco 7, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Thiele Kaolin Co, P O Box 270, Sandersville, Ga
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Robert I Webber Co, 52 Vanderbilt Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, FIRE

Chief object of this type of clay is to withstand excessive heats without deforming or melting. A true Fire Clay should withstand 3000°F. without running or melting in any way.

*American Lignite Products Co, P O Box 5, Ione, Cal
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18th St, Chicago 8, Ill
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J

CLAYS, FOUNDRY

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Edgar Bros Co, Metuchen, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

GEORGIA KAOLIN COMPANY

433 North Broad Street, Elizabeth 3, N. J.
Branch Office: 230 Park Ave., New York 17, N. Y.

CLAYS

AMERICA'S LEADING PRODUCER OF WHITE CHINA CLAYS

CLAYS FOR THE PROCESS INDUSTRIES

Paper	Rubber	Leather	Ceramics
Protective Coatings	Plastics	Textiles	Insecticides
Adhesives	Ink	Paint	Pharmaceuticals



Electron microphoto of Georgia Kaolin Clay particles magnified 20,000 diameters.

USES

Absorbents, anticaking agents, bonding agents, brightening agents, coating materials, diluents, extenders, fillers, flatting agents, glossing agents, opacifiers, pigments, refractories, reinforcement agents, suspending agents, thickeners.

Georgia Kaolin's Clays are finely divided hydrated Aluminum Silicates which are non-toxic, non-abrasive, highly refined, chemically inert, insoluble, and non-hygroscopic.

Physical Properties

Characteristic crystalline form is flat, hexagonal plates ranging from .05 to 2 microns, equivalent spherical diameter, agglomerates, 2-30 microns.

Specific Gravity (Average)	2.58
Refractive Index	1.56
Hardness Moh's Scale	2

Colloidal Properties:

Readily deflocculated by common dispersing agents. Compatible with both aqueous and non-aqueous vehicles. Free flowing aqueous dispersion up to 72% and moderately plastic masses at higher solids.

Typical Chemical Analysis

Aluminum Oxide	38.28
Silicon Dioxide (combined)	45.20
Combined Water	13.87
Trace Oxides, approx.	2.50
Free Moisture	1.00

These clays are mined from special crudes carefully selected for specific product requirements.

PRECISION PROCESSING

All grades must pass rigid specifications set by the user's requirements before being released for shipment. Continuous and carefully controlled processing methods to produce standard and specialty grades for diversified purposes include degritting, fractionation to specific particle size ranges, bleaching, filtering, rinsing, and drying.

PRODUCTION GRADES

Standard Grades

Diversified use requirements are met by rigidly controlled processing of each grade at specified quality and price levels, within the over-all range of

Brightness (G. E. Meter)	78- 90%
Particles under 2 microns by weight	18-100%
pH value	4.2-7.2

To Meet Your Requirements

In addition to meeting individual specifications within the ranges indicated, clays are controlled for free moisture, chemical impurities, disintegrability, adhesive demand, hiding power, grit, viscosity and for ceramic grades, low shrinkage, high green and fired strength, uniform casting behavior.

PILOT PLANT AND RESEARCH

Georgia Kaolin Company continuously operates a complete modern pilot plant, together with special testing equipment, designed to study processing variables and to produce experimental clays for numerous applications.

BRING US YOUR PROBLEMS

Experienced research and technical counsel is available on problems relating to new and modified applications of these versatile materials.

Numerous important developments have resulted from this type of cooperative effort.

HUBER

CLAYS

Water Washed and Airfloated China Clays (Kaolin)

FOR

Paper . . . filler, coating
Rubber
Ceramics
Adhesives
Insecticides
Textiles

J. M. HUBER CORPORATION
100 PARK AVENUE, NEW YORK 17, NEW YORK

CLAYS, FOUNDRY, Continued

*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Robinson Clay Products Co, P O Box 1070-X10, 65 State St, Akron 9, Ohio
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J

CLAYS, HIGH ALUMINA

*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N. J

CLAYS, INSECTICIDAL DUSTING

Clay which is pulverized, airfloated and unusually light and fluffy—very bulky and light in wt. per cu. ft. A clay, light gray in color is most desirable. Must show a pH value of 4.5 to 6. Used by insecticide mfr. of rotenone dusts.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*J M Baird Co, 254 W 31 St, N Y 1
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Floridin Co, 220 Liberty St, Warren, Pa
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*J M Huber Corp, 100 Park Ave, N Y 17
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Miller Products Co, Ft of SW Caruthers, Portland 1, Ore
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
L A Salomon & Bro, 216 Pearl St, N Y 38
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, POTTERY-MAKERS

Clay used by mfr. of pottery—can be either the China Clay type or the Ball Clay type inasmuch as both types are used extensively by the pottery mfr. However, the term pottery clay usually applies to the plastic ball clay type.
●Pkg—55, 100 lb. bags.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, PULVERIZED-AIRFLOATED

The term given to clays (regardless of what type) which have been properly dried (to approx. 2%) then put through an Airfloating Mill. The term "Airfloated" usually applies to the milled clay which, after being extremely finely pulverized is blown by a blast of air upward to the hopper—hence the term "Airfloated" because it is "floated" in the air.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, REFRACTORY

*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, RUBBER-MAKERS'

Generally a white grit free domestic china clay, having some very definite functions when introduced in a rubber compound to perform—a good Rubber Clay should lend a certain stiffening to the finished product—it should have the ability to mix with the crude rubber very readily, and when used should become absolutely "part" of the compound itself. All china clays are NOT necessarily good rubber clays, and about the only true method of detemining one clay from another is by actual test, because the majority of china clays are not suitable for rubber due to the fact that they make for soft "flabby" products, rather than stiff, compact products.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, SAGGER

This type of clay is usually made up of two or more tough plastic clays, one of the clays being rather strong tight burning and of the Ball Clay type, while the other should be rather open burning and refractory. The use of a Sagger Clay is for the making of receptacles in which ceramic products are placed when they are being fired or "cooked"—a Sagger in the pottery occupies the same position as a cooking-pot does in the kitchen.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLAYS, SLIP, ALBANY TYPE

*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J

CLAYS, TEXTILE

An unusually smooth grit free white domestic or imported china clay—having certain suspending properties. However, the most important factor is the amount of silica and grit contained—this is because the clay is used in the mfr. of certain types of cotton cloth and also as an ingredient in delusterizing baths for the rayon goods.

Charles B Chrystal Co, 53 Park Pl, N Y 7
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
*Thomas Alabama Kaolin Co, 2412 Ken Oak Rd, Baltimore 9, Md
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

CLAYS, WASHED

The term given China Clay usually, which has been thoroughly mixed with water and subjected to various types of setting so that the impurities and silica are removed.

*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
Charles B Chrystal Co, 53 Park Pl, N Y 7
Edgar Bros Co, Metuchen, N J
English China Clays Sales Corp, 551 5 Ave, N Y 17
*Georgia Kaolin Co, 433 N Broad St, Elizabeth, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Thiele Kaolin Co, P O Box 270, Sandersville, Ga
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

CLEANERS, ALKALI

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
John A Chew, 60 E 42 St, N Y 17
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heatbath Corp, Box 78, Springfield, Mass
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*King Chem Co, 31 New Haven RR St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Science Industries, 1509 N Broadway, St Louis 6, Mo
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Spick Products Co, Athens, N Y
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, BOILER-TUBE

Used to remove and prevent scale and rust in boiler tubes by neutralizing the sol. salts in the feed-water (largely carbonates of calcium and magnesium), precipitating them out of solution in form of colloidal sludge, which may be expelled from the boiler when it is "blown down." Ingredients include sodium silicate, trisodium phosphate, tannins, soda ash, sodium chromate, sodium alginate, starch, glucose, graphite, kerosene, barium compounds, etc.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dow Chem Co, Midland, Mich
*Dowell, Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*E F Drew & Co, 416 Division St, Boonton, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Klem Chem, 14401 Lanson, Dearborn, Mich
*M C Supply Co, Box 321, Muskegon, Mich
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, BOTTLE

Detergents of varying pH, etc., used to clean bottles where returned for re-use. Care must be taken as to choice of detergent depending upon whether cleaning operation is carried out by hand or in washing machines. See also: Alkali, Bottlers; Sodas, Modified; Cleaners, Dairy.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Damon Chem Co, Box 774, Alliance, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, DAIRY

Specially compounded substances to clean and disinfect dairies, containers and equipment, etc. Important properties include wetting, emulsifying, dissolving, deflocculating, and germicidal powers.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Beechem Labs, 1102 W State St, St Johns, Mich
*Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Supply Co, 217-302 Railroad St, Neenah, Wis

BURGESS CLAYS

Water Washed and Calcined Clays of High Quality—

for use in the manufacture of

- **Rubber**
- **Plastics**
- **Paper**
- **Paperboard**
- **Wallpaper**
- **Paint**
- **Leather**
- **Adhesives**
- **Insecticides, etc.**

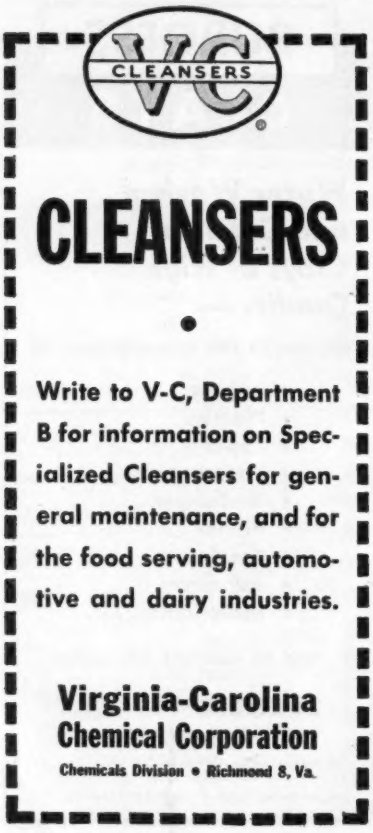
Send for complete information

BURGESS PIGMENT COMPANY

Executive Sales Offices: 64 Hamilton St., Paterson 1, N. J.

Laboratories and Plant: Sandersville, Ga.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



CLEANSERS

Write to V-C, Department B for information on Specialized Cleansers for general maintenance, and for the food serving, automotive and dairy industries.

Virginia-Carolina Chemical Corporation

Chemicals Division • Richmond 8, Va.

CLEANERS, DAIRY, continued

*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, DRAIN PIPE

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
John A Chew, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wasco Engrg Corp, 601 W 26 St, N Y 1

CLEANERS, DRY

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Chemical Specialties Co, 503 N Beachwood Dr, Los Angeles 4, Cal
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*M C Supply Co, Box 321, Muskegon, Mich
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*National Aniline Div, 40 Rector St, N Y 6
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zeen Chem Co, 2000 Elm St N W, Cleveland, Ohio

CLEANERS, FLOOR

Uses—for mopping cement, wood, linoleum and other floors. Strength, alkalinity, etc., varies, stronger products being required for garage and factory floors, etc., than in home or office buildings.

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Armstrong Cork Co, Lancaster, Pa
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia Wax Co, 530 Riverdale Dr, Glendale 4, Cal
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Floridin Co, 220 Liberty St, Warren, Pa
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Kleen-Glo Chem Corp, 303 5 Ave, N Y 16
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Spick Products Co, Athens, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, FRUIT

Uses—to wash off and remove oil and grease acting as a binder for smut, dirt, and various chemicals with which the fruit has been sprayed; also to remove spores, molds, fungi, and other micro-organisms which attack the surface of the fruit; should be nontoxic to humans and should leave the fruit in a thoroughly clean state.

*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*M C Supply Co, Box 321, Muskegon, Mich
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, FUR

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Composition Materials Co, 25 W 43 St, N Y 36
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Dixo Co, 225 River Rd, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Huntington Labs, E Tipton St, Huntington, Ind
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
Stoney-Mueller, Pace & Newark Aves, Lyndhurst, N J
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

CLEANERS, GLASS

Wide variety of detergents offered for cleaning and polishing glass-ware, windshields, etc. Relatively new are preps. that require no water, are sprayed on and then wiped to give a clear, bright surface.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kano Labs, 1000 S Thompson Lane, Nashville 11, Tenn
*Kamiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Klem Chem, 14401 Lanson, Dearborn, Mich
*M C Supply Co, Box 321, Muskegon, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, LEATHER

Preps. used industrially in the shoe factory to remove surface grime. Should not affect color and should leave the leather soft and pliable and without any feeling of harshness. Each type of leather requires different cleaners.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
Chicago Sanitary Prod Co, 3100 S Throp St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, METAL

Detergents for metal surfaces, removing dirt, grime, grease, oil, etc., previous to finishing, electroplating, etc., also products used for cleaning after such operations. Many of the more common detergents are used: in recent years special advances have been made, new products, new technique developed such as electrolytic cleaning in soap baths, eletrolytic acid cleaning, vapor degreasing, use of solvent soaps, orthosilicates, metaphosphates, various new silicates, alkylated naphthalene sulfonic acids, sulfonated fatty alcohols (so-called wetting agents), naphthenic acids, etc.

*American Chem Paint Co, Ambler, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

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SOLVAY CLEANSERS

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

HOOKER®

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for cleaning chemical equipment

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CLEANERS, METAL, continued

*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chemical Supply Co, 217-302 Railroad St, Neenah, Wis
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
John A Chew, 60 E 42 St, N Y 17
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Composition Materials Co, 25 W 43 St, N Y 36
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heatbath Corp, Box 78, Springfield, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*Huntington Labs, E Tipton St, Huntington, Ind
International Selling Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kalf Mfg Co, 427 Moyer St, Phila 25, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kiem Chem, 14401 Lanson, Dearborn, Mich
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Niagara Alkali Co, 60 E 42 St, N Y 17
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stewart Chem Products, Longmont, Col
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Texas
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Virginia Smelting Co, W Norfolk, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CLEANERS, METAL SURFACE

*American Chem Paint Co, Ambler, Pa
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Product Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cities Service Oil Co (Delaware), Masonic Bldg, Bartlesville, Okla
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
*Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heatbath Corp, Box 78, Springfield, Mass
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*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Huntington Labs, E Tipton St, Huntington, Ind
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*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Kiem Chem, 14401 Lanson, Dearborn, Mich
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Spick Products Co, Athens, N Y
*Stewart Chem Products, Longmont, Col
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

CLEANERS, PAINT

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilon, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fidelity Chem Products Corp, 470 Freilinghuysen Ave, Newark 5, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Huntington Labs, E Tipton St, Huntington, Ind
E & F King & Co, 640 Pleasant St, Norwood, Mass
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*National Aniline Div, 40 Rector St, N Y 6
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nieico Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stewart Chem Products, Longmont, Col
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, PAPER FELTS

Washing compounds specially formulated to penetrate felts used in paper mfr. to remove dirt, pitch, metallic soaps, insol. sticky materials, etc.

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*E I du Pont de Nemours & Co,, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Haas Miller Corp, 4 & Bristol Sts, Phil 40, Pa
*Hampden Color & Chem Co, 9 Albany St, Springfield, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
M Michel & Co, 90 Broad St, N Y 4
*National Aniline Div, 40 Rector St, N Y 6.
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Solvay Process Div, 61 Broadway, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, PHOTOGRAPHIC FILMS

*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Chemical Development Corp, Endicott St, Danvers, Mass
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
John A Chew, 60 E 42 St, N Y 17
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Merchants Chem Co, 60 E 42 St, N Y 17
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Wallerstein Co, 180 Madison Ave, N Y 16

CLEANERS, PRINTERS' TYPE

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Capital Printing Ink Co, 806 Channing Pl N E, Washington 18, D C
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*London Chem Co, 323 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
*National Aniline Div, 40 Rector St, N Y 6
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Oakite Products, 19 Rector St, N Y 6
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Phillips & Martin Co, 5524 N Wolcott Ave, Chicago, Ill
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

CLEANERS, RUBBER

Products, usually in the liq. or semi-liq. state, used to remove dirt, grime, grease, stains, etc., from rubber floors, tile, etc. Should have no deleterious effect on the rubber; should leave the natural resilience but should not react chemically in such a way that the rubber becomes soft or plastic and easily scuffed.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Huntington Labs, E Tipton St, Huntington, Ind
Merchants Chem Co, 60 E 42 St, N Y 17
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Rubba, Inc, 1015 E 173 St, N Y 60
*Solvay Process Div, 61 Broadway, N Y 6
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill

CLEANERS, STEAM

*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Chemical Labs, 1017 Sampsen St, Houston 3, Tex
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Damon Chem Co, Box 774, Alliance, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fidelity Chem Products Corp, 470 Freilinghuysen Ave, Newark 5, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
*M C Supply Co, Box 321, Muskegon, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nieico Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

CLEANERS, STONE

Specialized detergents for renovating, bleaching and restoring the natural appearance and beauty of granite, tile, brick, porcelain, and terra cotta.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Nieico Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

CLEANING FLUIDS

Various solvents, often with perfumes added, used for complete or partial immersion of garments for removing grease and other stains.

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chicago Sanitary Prod Co, 3100 S Throop St, Chicago, Ill
John A Chew, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Wodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fine Organics, 211 E 19 St, N Y 3
*Flash Chem Co, 160 2 St, Cambridge, Mass
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
*Nieico Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Texas

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TRADE MARK REG. U.S. PAT. OFF.

DEL PROTECTIVE COATINGS

PROTECTED



means CORROSION PREVENTED!

A national study of the chemical process industry shows—

A 50% regard corrosive conditions as severe

B average plant is exposed to at least 3 types of corrosion

C 2 out of 5 plants average 5 important corrosive factors

Here are the facts!

- DEL Coatings protect metal, masonry, wood against acids, alkalies, water, oils, weather, high heat, abrasion.
- Independent case histories prove DEL superiority.
- DEL engineers and chemists continuously challenge corrosive agents in the laboratory and are constantly improving and developing new coatings to meet the problems of industrial progress.

Protection Assured—

... with DEL formulations of VINYLS, ACRYLICS, SYNTHETIC RUBBER, EPONS, SILICONES, PHENOLICS and other plastic resins — plus — DEL's amazing new SYNTHETIC RUBBER CAULKING COMPOUND.

Write today! Ask for complete DEL PROTECTIVE COATING information, color card and specific recommendations for your corrosion problems.

DAVID E. LONG CORP.

220 East 42nd Street • New York 17, N. Y.

MUrray Hill 2-8598

CLEANING FLUIDS, continued

*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Zeen Chem Co, 2000 Elm St N W, Cleveland, Ohio

CLOUDING AGENTS

Atlas Powder Co, Wilmington 99, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J

COAL NAPHTHA see Benzol

COAL TREATING COMPOUNDS

*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dow Chem Co, Midland, Mich
Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Wyandotte Chem Corp, Wyandotte, Mich

COATINGS, ACID-PROOF

Products formulated for use as linings for storage tanks, carboys, etc.; in chemical and chemical process plants as coatings for all steel, tile, or other construction for protection from corrosive fumes; and, in general, to provide a protective surface wherever exposed to the action of the common acids.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Aqua-Therm, Inc, 39 N Torrence St, Dayton 3, Ohio
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*Laminex Corp, 994 Jefferson St, Fall River, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette Ave, Detroit 2, Mich
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*United States Varnish Co, 652 Franklin Ave, Hasbrouck Heights, N J
*Varniton Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, ALKALI-PROOF

Preps. employed in wide vvariety of applications to supply protection against alkalies and alkaline fumes. Products are formulated from pitches, tars, synth. resins, rubber, etc. Metal coatings are also widely used.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Ernest F Boruski, Jr, 162 W 54 St, N Y 19
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette Ave, Detroit 2, Mich
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*United States Varnish Co, 652 Franklin Ave, Hasbrouck Heights, N J
*Varniton Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, ASPHALT

Pure asphalt in a liq. form, usually reinforced with asbestos fibres for dressing old and leaky roofs.

*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

American Firstoline Corp, 420 Lexington Ave, N Y 17
Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dampney Co, Hyde Park, Boston 36, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette Ave, Detroit 2, Mich
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, BOILER SETTING

*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

COATINGS, CABLE

Preps. applied to cable to strengthen against the force of sudden strain; to provide a waterproof and weatherproof protective coating.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
*Bakelite Co, 30 E 42 St, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, CANVAS

Special coatings used on canvas, boat covers, awnings, etc., to preserve by preventing mold and by waterproofing; to revivify old materials. Supplied also in the form of paint where color is required.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Starch Products, 270 Madison Ave, N Y
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, CEMENT

Compounds used to decorate and seal the pores of and to waterproof stucco, concrete and cement, and to decorate unsightly stained surfaces. See also Paints, Cement.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Johns-Manville, 22 E 40 St, N Y 16
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Penetone Co, Tenafly, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

COATINGS, CONDUCTIVE

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Chemical Development Corp, Endicott St, Danvers, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*R T Vanderbilt Co, 230 Park Ave, N Y

COATINGS, FIREPROOF

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Emil Klemm, Inc, 88 I St, Salt Lake City, Utah
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Row Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sterone Corp, 250 W 57 St, N Y 19
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

COATINGS, FLEXIBLE (for Rubber, Textiles, Leather, Paper)

Various rubber, pyroxylin or other cellulose compositions, synth. resins, gums, waxes, etc. which give to finished goods surface protection, improved appearance, water, oil, gas, and chemical resistance, resiliency, flexibility, ease of cleaning, longer wear, etc.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Ernest F Boruski, Jr, 162 W 54 St, N Y 19
*Burtonite Co, P O Box 7, Nutley 10, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*National Starch Products, 270 Madison Ave, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*R T Vanderbilt Co, 230 Park Ave, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, HOT MELT

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

COATINGS, HOT MELT, continued

*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reichhold Chem, 630 5 Ave, N Y 20
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, LABEL

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*National Starch Products, 270 Madison Ave, N Y
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Varnitan Co, 416 N Varney St, Burbank, Cal

COATINGS, LINOLEUM

Preps. in the liq., paste, or wax form, applied to linoleum to fill the pores, prevent dirt, grime, grease, water, etc., from penetrating the fabric, to preserve and beautify by providing a high polish. See also Lacquers, Linoleum.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*National Starch Products, 270 Madison Ave, N Y
*Penetone Co, Tenafly, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

COATINGS, LITHOGRAPHIC PLATE

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Beechem Labs, 1102 W State St, St Johns, Mich
Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl N E, Washington 18, D C
*Chemical Development Corp, Endicott St, Danvers, Mass
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Philip A Hunt Co, Palisades Park, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

COATINGS, OIL-PROOF

Preps. (applied to fabrics, etc.), which possess unusual resistance to the actions of petroleum products such as gasoline, kerosene, lubricating oils, greases, etc.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5 N J
*Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Barrett Div, 40 Rector St, N Y 6
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Burtonite Co, P O Box 7, Nutley 10, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Varnitan Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

COATINGS, PIPE

Asphalt-base paints, chemically and electrically inert, waterproof and water repellent, for protecting underground water lines, culverts, pipes, etc.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Armstrong Cork Co, Lancaster, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Johns-Manville, 22 E 40 St, N Y 16
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Penola Oil Co, 15 W 51 St, N Y 19
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, PLATING RACKS

Preps. applied to plating racks in electroplating to prevent their corrosion, contamination, and the contamination of the solution.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*Varnitan Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, REFRACTORY

*Foundry Services, 280 Madison Ave, N Y 16
*Johns-Manville, 22 E 40 St, N Y 16
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

COATINGS, RUBBER

Special rubber finishes produced either from liq. latex, synth. rubber in the liq. state, or from natural rubber dissolved in suitable, rapidly evaporating solvents.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Ernest F Boruski, Jr, 162 W 54 St, N Y 19
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Penetone Co, Tenafly, N J
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rubba, Inc, 1015 E 173 St, N Y 60
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

COATINGS, SPECIAL

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*American Chem Paint Co, Ambler, Pa
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Bakelite Co, 30 E 42 St, N Y 17
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Chemical Development Corp, Endicott St, Danvers, Mass
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Chem Co, Midland, Mich
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Laminex Corp, 994 Jefferson St, Fall River, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Marblette Corp, 37-21 30 St, L I C 1, N Y
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Penetone Co, Tenafly, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, STEEL BARRELS & DRUMS

*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*American Chem Paint Co, Ambler, Pa
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, STRIPPABLE

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Chemical Development Corp, Endicott St, Danvers, Mass
*Chemical Process Co, 901 Spring St, Redwood City, Cal
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fidelity Chem Products Corp, 470 Freilinghuysen Ave, Newark 5, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*International Selling Corp, 122 E 42 St, N Y 17
*M C Supply Co, Box 321, Muskegon, Mich
*Maas & Waldstein Co, 438 Riverside Ave, Newark 4, N J
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette St, Detroit 2, Mich
*National Chem Co, 516 Industrial St, Los Angeles 21, Cal
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4
*Varnitan Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, TANK

*Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Dampney Co, Hyde Park, Boston 36, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Laminex Corp, 994 Jefferson St, Fall River, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*McDougal-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Minnesota Mining & Mfg Co, Adhesives & Coatings Div, 411 Piquette S, Detroit 2, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Perolin Co, 10 E 40 St, N Y 16
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, TAR

Products with a coal-tar or petroleum-tar base used as roof coatings for rolling mills, foundries, machine shops, warehouses, train and dock sheds, chemical plants, factories and garages, etc.; also for flashings, copings, gutters, spoutings, foundations and sills, boiler masonry, cisterns, tanks, etc. Mfr. in varying consistencies to be brushed or troweled.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, WATERPROOF

Preps. formulated from a wide variety of raw materials and applied to pipes, walls, roofs, exposed surfaces of all types, etc., to help prevent the seepage of water, dampness, etc., and the resulting corrosion.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alfred Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Iona, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Howe & French, 99 Broad St, Boston, Mass
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Lloyd Labs, 23 Calier St, Peabody, Mass
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*McDougal-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Minnesota Mining & Mfg Co, 411 Piquette St, Detroit 2, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4
*Varnitan Co, 416 N Varney St, Burbank, Cal
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

COATINGS, WRINKLE

*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

COATINGS, WRINKLE, continued

*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

COBALT ACETATE (Cobaltous Acetate)

$Co(C_2H_3O_2)_2 + 4H_2O$. M.P. 249.05. Reddish-violet deliq. cryst., acetic odor. Sp. gr. 1.7043 (18.7° C). Sol. water. Uses—mfr. sympathetic inks, paint and varnish driers. Grades—tech.; pure crystalline powd.: C.P.
●Pkg—100, 400 lb. drums, 400 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COBALT BLACK see Cobalt Oxide

COBALT BLUE (Azure Blue, Cobalt Ultramarine, King's Blue, Leyden Blue, Thenard's Blue)

Oxides of Co and Al in varying proportions. Blue to green powd. Uses—pigment in oil and water colors. Grades—tech.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
Barclay Chem Co, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St. Boston 16, Mass
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

COBALT CARBONATE (Cobaltous Carbonate)

$2CoCo_3.3Co(OH)_2$. M.W. 516.75. Violet-red powd. Decomp. on heating. Sol. acids; insol. water. Uses—mfr. cobalt salts, cobaltic oxide, ceramics, pigments. Grades—tech.; C.P.
●Pkg—100, 375, 400 lb. drums, bbls.

*J T Baker Chem Co, Phillipsburg, N J
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

COBALT CHLORIDE (Cobaltous Chloride)

a. $CoCl_2$. b. $CoCl_2.6H_2O$. Ruby-red, solid crystalline. Sp. gr. a. 3.356. b. 1.92. M.P. a. Sublimes. b. 86.75°C. Sol. water. Uses—mfr. sympathetic inks, barometers, thermometers, hydrometers, gas masks; electroplating; for cobalt and nickel alloys; ammonia absorbent. Grades—tech.; C.P.
●Pkg—100, 400 lb. bbls., drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati). Ohio
*Merck & Co, Rahway, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

COBALT CHROMATE (Cobaltous Chromate)

Varying composition. Brown powd. Sol. mineral acids and in solution CrO_3. Uses—pigment in ceramics.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1

COBALT 2-ETHYLHEXOATE (Cobalt Octoate)

$Co[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 354.34. Reddish-purple amorp. solid. Uses—drier in paints and varnishes.
●Pkg—100, 450 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COBALT FLUORIDE (Cobaltous Fluoride)

CoF_2. M.W. 96.94. Pink granular powd. Uses—organic fluorination.

City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5

COBALT HYDRATE (Cobaltous Hydroxide, Cobaltous Hydrate)

$Co(OH)_2$. Rose-red, amorp. powd. Sp. gr. 3.597. Sol. acids, ammonium salt solutions. Uses—mfr. cobalt salts, paint and varnish driers. Grades—tech.
●Pkg—400 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5

COBALT LINOLEATE (Cobaltous Linoleate)

$Co(C_{18}H_{31}O_2)_2$. Brown, amorp. powd. Sol. alcohol, ether, oils. Uses—paint and varnish drier. Grades—liq.: solid: paste.
●Pkg—55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COBALT, METAL

Co. Steel-gray, malleable, magnetic metal. Sp. gr. 8.5-8.9. M.P. 1480°C. Sol. acids. Uses—mfr. cobalt salts, inks, paint and artists colors, filaments for electric lamps, liq. dryers; catalyst in hardening oils; chemical catalyst and oxidizing agent; alloys in alloy steels; various metallurgical purposes; boiling linseed oil; coloring potteries, porcelains and glass; electroplating. Grades—tech. containing more or less nickel and iron; pure cobalt "shot" (granules about 98% Co).
●Pkg—500 lb. kegs.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Nopel Corp, 2 Broadway, N Y 4

COBALT NAPHTHENATE

Uses—as a drier in paints, varnishes.
●Pkg—15, 55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
European Chem Co, 366 Broadway, N Y 13
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COBALT NITRATE (Cobaltous Nitrate)

$Co(NO_3)_2.6H_2O$. Red, deliq. cryst. Sp. gr. 1.87. M.P. 56°C. Sol. water, acids, alcohol. Uses—mfr. sympathetic inks; as cobalt pigments; decorating porcelain and stoneware. Grades—pure; C.P.; tech.
●Pkg—50, 100 lb. drums, 400 lb. bbls.

J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

COBALT OLEATE (Cobaltous Oleate)

$Co(C_{18}H_{32}O_2)_2$. Brown, amorp. powd. Sol. oils, ether, alcohol; insol. water. Uses—varnish drier. Grades—tech.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
J. W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COBALT OXIDE (Cobalt Black, Cobalt Peroxide, Cobalt Sesquioxide, Cobaltous Oxide)

Co_2O_3. M.W. 165.88. Blue or black amorp powd. Sp. gr. 5.18. M.P. decomp. at 895°C. Sol. acids, ammonia. Uses—pigment in paints, varnishes, etc.; coloring enamels, glazing pottery; painting on glass and porcelains. Grades—tech.
●Pkg—100 lb. drums, 350 lb. kegs.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Legion Chem, 70 Wall St, N Y 5
Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Varlacoid Chem Co, 116 Broad St, N Y 4

COBALT PEROXIDE see Cobalt Oxide

COBALT PHOSPHATE

$Co_3(PO_4)_2H_2O$. Pink powd. Uses—mfr. cobalt pigments; coloring glass, painting on porcelain.
●Pkg—100 lb. drums, 250, 400 lb. bbls.

City Chem Corp, 132 W 22 St, N Y 11
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

COBALT POWDER

Co 98% plus. M.P. -1.467°C, B.P. -3.185°C for the pure material. Sol. —dilute hydrochloric, sulfuric acids; readily in nitric acid. Available in 150 and finer mesh powd. Cont.—casks; bags. Uses—ceramics, lamp filaments; catalyst in hydrogenation of oils; inks; paints; varnishes; colored signs.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa

COBALT RESINATE (Cobaltous Resinate)

$Co(C_{44}H_{63}O_4)_2$. Brown, amorp. powd. Insol. water. Uses—drier in paints and varnishes; oil boiling. Grades—fused; tech.; pure; precipitated.
●Pkg—55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COBALT SESQUIOXIDE see Cobalt Oxide

COBALT STEARATE

American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

COBALT SULFATE (Cobaltous Sulfate, Rose Vitriol, Bieberite)

a. $CoSO_4$. b. $CoSO_4 + 7H_2O$. Red, solid, amorp. and crystalline. Sp. gr. a. 3.17. b. 1.948. M.P. a. 969° C. b. 96.8°C. B.P. b. 420°C. Sol. water. Uses—mfr. cobalt salts; decorating ceramic ware; drier for paints and varnishes; cobalt plating, steel, iron, etc., galvanical-

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ly. Grades—tech., cryst.; C.P.
● Pkg—100, 300, 400 lb. drums.
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del.
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

COBALT TALLATE

Cobalt salt of tall oil (a mixture of acids derived from pine tree). Varying composition. Uses—drier in paints and varnishes.
● Pkg—Liquid—15, 55 gal. drums; solid—100, 430 lb. drums.
*Advance Solvents Chem Corp, 245 5 Ave, N Y 16
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COBALT TUNGSTATE (Cobaltous Tungstate, Cobalt Wolframate)

$CoWO_4$. Reddish-orange, amorp. powd. Insol. water. Uses—pigment. Grades—tech.
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich

COBALT ULTRAMARINE see Cobalt Blue

COBALT WOLFRAMATE see Cobalt Tungstate

CABALTOUS ACETATE see Cobalt Acetate

COBALTOUS CARBONATE see Cobalt Carbonate

COBALTOUS CHLORIDE see Cobalt Chloride

COBALTOUS CHROMATE see Cobalt Chromate

COBALTOUS FLUORIDE see Cobalt Fluoride

COBALTOUS HYDRATE see Cobalt Hydrate

COBALTOUS HYDROXIDE see Cobalt Hydrate

COBALTOUS LINOLEATE see Cobalt Linoleate

COBALTOUS NITRATE see Cobalt Nitrate

COBALTOUS OLEATE see Cobalt Oleate

COBALTOUS OXIDE see Cobalt Oxide

COBALTOUS RESINATE see Cobalt Resinate

COBALTOUS SULFATE see Cobalt Sulfate

COBALTOUS TUNGSTATE see Cobalt Tungstate

COCHINEAL

Dried bodies of female insects of Coccus cacti. Coloring basis, ceramics; lamp filaments; catalyst in hydrogenation of oils; inks; alcohols; very sl. sol. ether. Uses—coloring foods, beverages, pharmaceuticals, cosmetics; mfr. colored inks, artists' colors, lakes, carmine, chemical products; laboratory reagent; in medicine. Grades—U.S.P.; tech. (Coccus cacti); black, gray; silver; whole; powdered.
*S B Penick & Co, 50 Church St, N Y 7

COCOANUT OIL FATTY ACID, DISTILLED

● Pkg—Drums.
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*E F Drew & Co, 416 Division St, Boonton, N J
*El Dorado Oil Works, San Francisco 4, Cal
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Mills, 400 2 Ave S, Minneapolis, Minn
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Swift & Co, Tech Prod Dept, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrisor Ave, Harrison, N J

COCONUT CAKE see Copra Cake and Meal

COCO-NUT BUTTER see Oil, Cocoanut

CODEINE SULFATE

$(C_{18}H_{21}NO_3)_2H_2SO_4 5H_2O$. M.W. 786.69. White cryst. or powd. Uses—medicinal.
● Pkg—25, 100 oz. cans.
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

CODOIL see Oil, Rosin

COLCHICINE SALICYLATED

$C_{22}H_{25}NO_6 + C_7H_6O_3$. M.W. 537.4 yellow powd. Uses—medicinal.
*Blos Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Inland Alkaloid Co, Tipton, Ind
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Roussel Corp, 155 E 44 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

COLLIDINE

$C_8H_{11}N$. M.W. 121.8. Liq. B.P. a-177°C. b-195°C. c-171°C. Sol. ether, alcohol, benzene; insol. to sl. sol. water.
*Blos Labs, 17 W 60 St, N Y 23
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Henley & Co, 801 2 Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

2,4,6,-COLLIDINE (2,4,6,-Trimethyl Pyridine)

$(CH_3)_3C_5H_2N$. M.W. 121.18. Liq. B.P. 171-172. Sl. sol. hot water; very sol. alcohol.
● Pkg—1, 5, 55 gal. drums.
*Barrett Div, 40 Rector St, N Y 6
*Blos Labs, 17 W 60 St, N Y 23
*Brothers Pharmacal Co, Orange, N J
City Chem Corp, 132 W 22 St, N Y 11
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

COLLODION (Pyroxylin)

Solution of tetranitrocellulose in ether, alcohol or other solvent. Pale yellow liq. Uses—mfr. photographic films, artificial pearls, patent leather, artificial leather, adhesives, toy balloons; vehicle for pharmaceuticals, corn removers, process engraving, printing reproductions; in medicine. Grades—U.S.P. 1890; U.S.P. flexible; U.S.P. cantharidal; tech.
● Pkg—Custom packed.

DREW
COCONUT
FATTY ACIDS

Distilled and fractionated for longer lasting color and stability.

Processed to remove lower boiling fatty acid factors —minimize "bite", improve composition and odor.

Available in any grade to meet any requirement.

E. F. DREW & CO., INC.
15 EAST 26TH STREET
NEW YORK 10, N. Y.
CHICAGO • PHILADELPHIA • BOSTON

J T Baker Chem Co, Phillipsburg, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

COLLOIDS, PROTECTIVE

*Burtonite Co, P O Box 7, Nutley 10, N J
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dow Chem Co, Midland, Mich
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kem Products Co, 227-229 High St, Newark 2, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Swift & Co, Adhesive Prod Dept, Union Stock Yards, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

COLLOXYLIN see Pyroxylin Solutions

COLOGNE SPIRITS see Alcohol, Ethyl

COLONIAL SPIRITS see Methanol

COLOPHONY see Rosin, Gum

COLOR LAKES

Pigment consisting of an organic sol. coloring matter combined with an inorganic base or carrier and characterized by a bright color. There are three classes of color lakes: 1. Composed of hydrate of aluminum dyed with solution of natural organic color; 2. The more extensively used type made by precipitating from solution various coal-tar colors by means of a metallic salt, tannin, or other suitable reagent, upon a base or carrier either previously prepared or coincidently formed; 3. A number of lakes combining both types in varying degree.
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

HARSHAW

Ceramic Colors

A complete line of colors, minerals, opacifiers, and chemicals for pottery, glass, enamel, brick, tile, and terra cotta.

THE HARSHAW CHEMICAL CO.
CLEVELAND 6, OHIO
CHICAGO · LOS ANGELES
CINCINNATI · NEW YORK
DETROIT · PHILADELPHIA
HOUSTON · PITTSBURGH

COLOR LAKES, continued

*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Zinsser & Co, Hastings-on-Hudson, N Y

COLOR LAKES, COSMETIC

Consists generally of suitable aniline colors precipitated on aluminum hydroxide, blanc fixe or other harmless substrata. These color lakes must naturally be extraordinarily free from such heavy metals as lead, arsenic, mercury, etc. Their tinctorial power is high. In lipstick and rouge they are employed almost exclusively. In face powd. for toning—, largely in eyeshadows—somewhat in creams but not often in liq. and lotions due to their tendency to bleed (run).

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, AIR-BRUSH

Wide variety of colors formulated for industrial use in connection with automatic application to automobiles, furniture, artificial leather, etc.

*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md

COLORS, ALIZARINE

● Pkg—Custom packed.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*L & R Organic Products Co, 50 White St, N Y 13
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*United Wallpaper, Merchandise Mart, Chicago 54, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

COLORS, ARTISTS'

Specially finely ground or divided pigments used by artists for tinting purposes: either oil or water sol.
● Pkg—Custom packed.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J

COLORS, CADMIUM see Cadmium Colors

COLORS, CARBON PAPER

Dyes sol. and insol. in wax, prepared especially for coloring the wax which coats the special type of tough thin paper.

*American Lignite Products Co, P O Box 5, Ione, Cal
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md

HIGH GRADE

LAKES

AND

PIGMENTS

Specialists in Fast Colors

ZINSSER & COMPANY, INC.

Hastings-on-Hudson, N. Y.

Established 1897

*Company classifies itself as manufacturer or producer of this product
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manufacturing chemists

a full line of
SOLUBLE, PRUSSIAN CHINESE and MILORI BLUES
LAKES and FINE COLORS
ALUMINA HYDRATE, GLOSS WHITE
"ATLAS" No. 40 CARMINE
CERTIFIED COSMETIC COLORS
INORGANIC COSMETIC COLORS

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MANUFACTURING CHEMISTS • ESTABLISHED 1842
85-93 PARK PLACE, NEW YORK 7 • 11-13 E. ILLINOIS STREET, CHICAGO 11

*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Freilinghuysen Ave, Newark, N J

COLORS, CERAMIC

Ceramic chemicals, mineral and pigmented oxides, overglaze and underglaze fluxed colors, may all be classed as ceramic colors. They are used for body and decorative works on glass, china and pottery.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Frank Samuel & Co, 24 State St, N Y 4
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

COLORS, CERTIFIED

Group of coal-tar colors which have been certified by the Food and Drug Administration for use in coloring food, drugs and cosmetics. Shipments are sealed to prevent contamination and adulteration.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Bates Chem Co, Scottdale Rd, Lansdowne, Pa
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
McKesson & Robbins, 155 E 44 St, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Wm J Stange Co, 342 N Western Ave, Chicago 12, Ill
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
D J Weeks Co, 44 N Moore St, N Y 13
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, COSMETIC

Color suitable by reason of purity, non toxicity and coloring properties for cosmetics. Hence they may be mineral such as ferric oxide, ochres (and synth. ochres); vegetable such as chlorophyll, anatto, etc.; animal such as cochineal (carmine); organic such as suitable aniline colors; or organic color lakes (aniline colors precipitated on inorganic bases).

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Calco Chem Div, Bound Brook, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, DISPERSED

*American Lignite Products Co, P O Box 5, Ione, Cal
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
H B Huber, 216 Tremont St, Boston 16, Mass
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lloyd Labs, 23 Caller St, Peabody, Mass
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
C J Osborn Co, 132 Nassau St, N Y 38
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, DRY

Conc. pigments suitable for grinding and used in paints, varnishes, enamels, lacquers, etc., also in textiles, leather, paper, plastics, rubber, etc., as the tinting medium. Representative colors include Carbon black, drop black, lamp black, sienna, burnt and raw, umbers, burnt and raw, Vandyke Brown, Venetian Red, Indian Red, Tuscan Red, Vermilion, ultramarine blue, cobalt blue, Prussian blue, chrome yellow, ochres, chrome green, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill

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*Company classifies itself as manufacturer or producer of this product
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DRY COLORS

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PRINCE'S "DOUBLE LABEL"

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EARTH COLORS

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SYNTHETIC
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PRINCE
MANUFACTURING CO.
BOWMANSTOWN, PENNA.
Established 1858

COLORS, DRY, Continued

Charles B Chrystal Co, 53 Park Pl, N Y 7
*Cole Labs, 42-25 9 St, L I C 1, N Y
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Coit St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J

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Shingle Stain Oil

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INCORPORATED
General Office & Plant: Louisville, Kentucky
Warehouses at: New York, Boston, Atlanta, Kansas City, Los Angeles San Francisco, Dallas, Houston

COLORS

- **Red, Yellow, Brown & Black Precipitated Iron Oxides**
- **Siennas, Umbers, Natural Red, Brown & Black Oxides**
- **Lamp, Carbon, Bone & Mineral Blacks, Aqueous Black Dispersions, Pulp Colors**
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SPECIAL BLENDS FOR ALL INDUSTRIES

MINERAL PIGMENTS CORPORATION
Manufacturers of Synthetic Pigments
Muirkirk, Maryland

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zinsser & Co, Hastings-on-Hudson N Y

COLORS, EARTH

Natural pigments suitable for grinding in oils for paint mfr.—iron oxide is found widely distributed, usually in combination with alumina, silica, calcium, magnesium, manganese, and water. These ores usually have a brown, reddish-brown, red, yellow, or black hue. The brightest natural red iron hematite is found near the southern shores of the Caspian Sea and the refined pigment made from this ore is known as Persian Gulf Oxide. Deposits of iron manganese ores, having a rich brownish-green hue, were discovered on the Island of Cyprus and the refined product is marketed under the name of Turkey Umbers. Siennas are named after the Italian town of Sienna near where large quantities of bright yellow iron oxide are found. The finished products are marketed as raw and burnt grades. Veins of hydrated iron oxides are the raw material for ochres. Others in the group are the metallic browns and the iron magnetites (black oxides of iron). Iron oxide colors are also the siennas or umbers, either raw or burnt. Precipitated yellow oxides compete intensely with French, Indian, and African ochres. Calcined and precipitated iron oxides compete with the natural red hematites, such as Persian Gulf and Spanish oxides. Earth colors are employed in paints, leather finishes, in latex rubber, etc. See Siennas, Ochres, Umbers, Iron Oxide, Red; Iron Oxide, Yellow.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave. E St Louis, Ill

COLORS, FLUSHED

*Ansbacher-Siegle Corp, 62 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-83 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, FOOD

Special colors, derived synthetically or from natural raw materials or used to impart color in butter, oleo, candy, ice cream, confectionery, soft drinks, various foods, etc. Usually supplied in two types, water s.l. and oil sol. U. S. Dept. of Agriculture's Food and Drug Administration require for use as food dyes only those duly certified as to purity and harmlessness to human beings. See also Colors, Butter and Cheese.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Barnett Labs, 6256 Cherry Ave, Long Beach 5, Cal
*Bates Chem Co, Scottdale Rd, Lansdowne, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Calco Chem Div, Bound Brook, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7

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PURE ENGLISH (QUICKSILVER)
ORANGES MAROONS REDS
Strongly opaque reds.
Non-bleeding, non-migrating vermilions . . . that are both acid and alkali resistant.
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WORLD'S LARGEST SUPPLIERS OF VANILLIN

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

gdc

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COLORS, FOOD, continued

McKesson & Robbins, 155 E 44 St, N Y
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Sterwin Chem, 1450 Broadway, N Y 18

COLORS, GLASS

Liq. often containing resinates or similar organic compounds of various metals, the oxides of which form colors or pigments used for decorating pottery glass, tile, terracotta or similar ceramic surfaces. Another type of colors is that which consists of finely ground mixtures of pigments and low-melting glasses. This type is usually "fired" so that the color is directly incorporated into the finished article and is not simply a finish coat.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*McKay Chem Co, 880 Pacific St, Bklyn 17, N Y
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

COLORS, INK

Dyes and pigments employed as the tinting agent. A limited number of water sol. dyes are used to make writing inks which contain water as the liq medium. Other dyes, sol. in glycerine, are used in stamping, copying, and hectograph inks. Still others, sol. in such organic solvents as alcohols, ketones, hydrocarbons, esters, acids, and aldehydes, are used to make aniline and intaglio printing inks. Very definite limitations are imposed on the choice of ink colors, such as pigment particle size, brilliancy, intensity, resistance to light, oil absorption, tinting strength bleeding, resistance, to the chemical action of the products they may come in intimate contact with, such as adhesive pastes, vinegar, wet soaps, waxed wrappers, alcohol, lard, ammonia, etc.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Geigy Co, 89-91 Barclay St, N Y 8
*General Color Co, 263 Wright St, Newark 5, N J
General Dyestuff Corp, 435 Hudson St, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zinsser & Co, Hastings-on-Hudson, N Y

COLORS, JAPAN

Pigments ground especially fine for incorporation in Japans so that the finished products work up smooth, have an even consistency, and break up easily with turpentine.

*Baer Bros, 438 W 37 St, N Y 18
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y



*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill

COLORS, LACQUER

Colors of low oil absorption, chemically inert, (mainly pigments) possessing good permanency, soft texture, great tinctorial strength and good hiding power. The colors are ground by various means in some ingredient of a lacquer and the paste so formed is then mixed into the remaining ingredients of the lacquer to produce a finished, colored lacquer.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co, Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

COLORS, LINOLEUM

Natural colors, such as ochres, siennas, umbers, metallic oxides, etc. and also coal-tar dyes used to impart color and design in the mfr. of linoleum, oil-cloth, etc.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

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Lime
Magnesite
Magnesium Carbonate
Magnesium Chloride
Manganese Oxide
Mica
Pumice Stone
Siennas
Silica
Stearates
Talcs
Tall Oil
Umbers
Whiting
Yellow Ochres

Fabricators of Mineral Colors

Agents for Nationally-Known Manufacturers
Available Technical Data On Request

Smith Chemical & Color Co.
Incorporated 1919
55 John Street, Brooklyn 1, N. Y.
Cable: SMITHKEMCO Tel. MAin 5-0567

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TILE & MORTAR COLORS

•

RED, BLACK,
BROWN, YELLOW

NON-FADING

LIME RESISTING

•

PRINCE
MANUFACTURING CO.

BOWMANSTOWN, PENNA.

Established 1858

COLORS, LINOLEUM, continued

COLORS, MORTAR, STUCCO

Variety of iron oxide, carbon black, lamp black, colors, ochres, siennas, mineral whites, umers, etc., Uses—to give wide tinctorial opportunity in the use of mortar, cement and stucco. Colors must have high alkali-acid resistance; must withstand the action of the elements oved a long period of time.

Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

COLORS, OIL SOLUBLE

Various white and colored pigments and synth. dyes ground to a fine paste usually in specially prepared pure linseed oil and employed for tinting requirements in paints, varnishes, enamels, lacquers, artists' paints, etc.

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Baer Bros, 438 W 37 St, N Y 18
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
Fritzsche Bros, 76 9 Ave, N Y 11
*Geigy Co, 89-91 Barclay St, N Y 8
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Zinsser & Co, Hastings-on-Hudson, N Y

COLORS, OVERGLAZE

Properly fluxed and compounded colors of the enamel, matt or satin and tinting color class used as decoration and applied after glazing. Uses—for spray and hard painting, tinting, dry or wet grounding, and printing on china, stoneware, and enameled steel. Usually fired within the range of 740-800° C. cone 017-015.

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

COLORS, PAINT SPRAY BOOTH

*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa

COLORS, PAPER-MAKERS'

When max. whiteness has been obtained by bleaching pulp, paper manufacturers use blueing, such as ultramarine, and dyes, usually coal-tar anilines to tone the stock and offset any yellowness still remaining. These dyes, together with mineral pigments are employed to color the stock. The dyes penetrate the actual substance of the fibres. Pigments, however, color the stock by mechanical enmeshment with the fibres. See also, Dyes, Paper; Pigments, Paper. Pigments are less brilliant in hue than dyes, but are faster to light. If used in any quantity, they serve as fine fillers and have the same action as clay.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, NY
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*General Color Co, 263 Wright St, Newark 5, N J
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shields Buying Service, 15 Moore St, N Y 4
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COLORS, PASTE

Finely ground pigments dispersed with sufficient oil to form a paste and used in the formulation of paints, enamels, etc.

*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y

COLORS

PETROLEUM IDENTIFIERS

PETROLEUM MARKERS

BLOOMING AGENTS

FLUORESCENT COLORS FOR SOLVENT EXTRACTED AND ADDITIVE COMPOUNDED LUBE OILS

BLUE WHITENER:—An emergency treatment in neutralizing undesirable yellow shades in uncolored gasoline or kerosene

SPECIAL PRODUCTS FOR THE PETROLEUM INDUSTRY

GASOLINE ADDITIVES — INHIBITORS — STABILIZERS — EMULSIFIERS
DETERGENTS — WETTING AGENTS — DISPERSING AGENTS

Pioneers in Gasoline Colors and Anthraquinone Dyes

Patent Chemicals, Inc.

Manufacturing Division

335 McLEAN BOULEVARD PATERSON 4, N. J.

25 Years Continuous Manufacturing of Colors for the Petroleum Industry

Patent Fuels & Color Corp.

Marketing Division

2410 CAREW TOWER CINCINNATI 2, OHIO

Send all inquiries direct to our Laboratories at Paterson, N. J.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, PERFUME

Mixed coal tar dyes specially prepared to produce a wide variety of bright shades. Sol. in water and alcohol. It should be noted that very small quantities should be used, as their tinctorial power is so great that liq. in which they are incautiously used may stain.

*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, PHOTOGRAPHIC

Products for coloring photographic prints by hand. These include oil colors, water colors, and pastels.

*Calco Chem Div, Bound Brook, N J
*Edwal Labs, Ringwood, Ill
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md

COLORS, PLASTIC

Special pigments, earth colors or sol. dyes, usually added during either the mixing or the rolling operation, which resist heat, pressure, etc.; possess ability to dissolve in certain common solvents, and impart generally that transparency of color so desirable in plastics. Among the pigments are:—Prussian blue, zinc oxide, titanium oxide, carbon black, lampblack, cadmium and chromium colors; the earth colors, such as siennas, ochres, and umbers; the synth. dyes, such as triphenylmethane basic colors, many of the azo colors, certain of vat dyes, etc.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bell Chem Co, 25 W 44 St, N Y 36
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Harmon Color Works Div, P O Box 14, Hawthorne, N J
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COLORS, RUBBER

Mineral pigments or synth. dyes (usually in the form of lakes, bound to a mineral base) not greatly affected by heat, steam, or sulfur: for white shades zinc oxide and the titanium pigments are largely used; for black, carbon black, lampblack, or one of the charcoal blacks; for blue, ultramarine is often used; chrome pigments, for green; zinc chromate is standard yellow pigment; cadmium sulfides are available in various yellow and orange shades; golden antimony, for orange shades, or ochres where color value at low cost is the deciding factor; for crimson shades iron oxide red, crimson antimony, and vermilions are widely used.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co., 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Rare Metal Products Co, P O Box 61, Atglen, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

COLORS, RUBBER, WHITE

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, SHOW CARD

Special colors used by artists, sign-writers, display men, etc. Should be non-bleeding, opaque, bright, free-flowing, should not rub or chip off, should dry rapidly to a smooth mat finish.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill

DU PONT
REG. U.S. PAT. OFF.
CERAMIC PRODUCTS
for
• China and Glass
Precious metal preparations
Glass enamels
Pigments
• Metal Enameling
Vitreous enamels for aluminum
• Electrical Applications
Conducting silver preparations
E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON - DELAWARE

FILO COLOR & CHEMICAL CORP.
202 E. 44 ST. • NEW YORK 17, N. Y.
PIGMENT COLORS
A Complete Range of Chemical Pigments
Both Organic And Inorganic
DRY
FLUSHED
FILO
CABLE: 'FILOCOLOR'

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

COLORS, SOAP

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Geigy Co, 89-91 Barclay St, N Y 8
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

COLORS, UNDERGLAZE

A ceramic decoration applied to ware before glazing or an incise decoration, embossing or inlaying. Uses—as body or glaze stain for china, stoneware, terra cotta, brick, enameled steel and ironware. Colors used under suitable glaze up to Cone 8 (1290° C.).

E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md

COLORS, VARNISH

Dyes sol. in alcohol are largely used: basic dyes, monoazo dyes (which do not contain sulfonic acid groups, such as aniline coupled with beta-naphthol), spirit blue, induline and nigrosine before they are sulfonated; sulfonated rosanilines, etc., are often so employed.

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Harmon Color Works Div, P O Box 14, Hawthorne, N J
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
Senefelder Co, 32-4 Greene St, N Y 13
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

COLUMBIAN SPIRITS see Methanol

COLUMBIUM (Metal Niobium)

Cb. At. wt. 93.3. At No. 41. Steel-Gray, lustrous metal. Sp. gr. 8.4. M.P. 1950°C. Unattached by HCl, HNO_3, or aqua regia, but is attacked by fusion with fixed alkali hydroxides or with oxidizing agents.
●Pkg—Cans/box.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*International Selling Corp, 122 E 42 St, N Y 17
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Nopel Corp, 2 Broadway, N Y 4
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

CONCENTRATES, FOGGING MACHINE

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y

CONCRETE, ACID-RESISTING

*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CONCRETE SURFACE TREATMENT

*American Agricultural Chem Co, 50 Church St, N Y 7
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barrett Div, 40 Rector St, N Y 6
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Concrete Specification Surfacing Co, 2 Broadway, N Y 4
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Corning Corp, Midland, Mich
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Witco Chem Co, 260 Madison Ave, N Y 16

CONCRETE, WATERPROOFED

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

CONGO COPAL see Gum, Congo

COPAIBA RESIN see Balsam, Copaiba

COPAL RESIN see Gum, Congo

COPPER (Cuprum)

Cu. Orange-colored, ductile, malleable metal. Sp. gr. 8.90. M.P. 1083°C. Sol. nitric acid; insol. water. Uses—mfr. copper salts, wires, plates, coins, utensils, anodes for electroplating alloys. Forms—block, ingots, shot, powdered, wire, slabs, etc.

J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Charles Gitlan & Co, 25 Beaver St, N Y 4
*International Selling Corp, 122 E 42 St, N Y 17
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

COPPER ACETATE (Cupric Acetate, Green Verdigris, Crystallized Verdigris, Venus Crystals, Copper Subacetate, Aerugo)

$Cu(C_2H_3O_2)_2 + 6H_2O$. Greenish-blue powd. Sp. gr. 1.9. Decomp. at 240°C. Sol. water, alcohol, ether. Uses—mfr. paints, varnishes, lacquers, linoleum, oilcloth, inks, ceramic colors, artificial flowers, wall paper, fungicides; preparation gilder's wax; dyeing and printing textiles; as insecticides; laboratory reagent; antique coloring of metals; in medicine. Grades—tech.; C.P.
●Pkg—7, 125, 250, 400 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
George J Wiesner Co, 150 Nassau St, N Y 38

COPPER ACETOARSENITE (Paris Green, Cupric Acetoarsenite, Emerald Green, Imperial Green, King's Green, Moss Green)

$Cu(C_2H_3O_2)_2.3Cu(AsO_2)_2$. Emerald green, amorp. powd. Mfr. white arsenic dissolved in baking soda ash solution, copper sulfate added, then acetic acid. Washed, filtered, dried at low temp. Sol. acids, ammonia; insol. water. Uses—mfr. marine paints pigments; as insecticide and germicide; wood preservative.
●Pkg—¼, 1, 5 lb. cans, 25, 100 lb. drums.

*Chipman Chem Co, Bound Brook, N J
International Commodities Corp, 11 Mercer St, N Y 13
George F Smith, 60 E 42 St, N Y 17

COPPER AMINOSULFATE see Copper Ammonium Sulfate

COPPER AMMONIUM SULFATE (Cupric Ammonium Sulfate, Copper Aminosulfate, Ammonio Cupric Sulfate)

$CuSO_4.4NH_3.H_2O$. Dark blue crystalline powd. Decomp. on heating. Sol. water. Uses—mfr. copper arsenate, insecticidal preps.; mordant in dyeing and printing textiles. Grades—tech.; C.P.
●Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

COPPER ARSENITE (Scheele's Green, Cupric Arsenic, Copper o-Arsenite, Swedish Green)

$CuHAsO_3$. M.W. 187.51. Light green, amorp. powd. Decomp. on heating. Sol. acids, alcohol; insol. water. Uses—pigment paint, varnish and wall paper; printing calico; insecticidal compositions; in medicine. Grades—tech.; C.P.

J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11

COPPER o-ARSENITE see Copper Arsenite

COPPER BICHLORIDE see Copper Chloride, Cupric

COPPER BROMIDE

$CuBr_2$. Black, deliq. cryst. or crystalline powd. Sol. alcohol, water, acetone. Uses—intensifier in photography; to replace iodine by bromine in organic synthesis.
●Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

COPPER CARBONATE (Cupric Carbonate, Copper Subcarbonate, Brunswick Green, Bremen Green, Mineral Green, Artificial Malachite, Copper Lasur, Mountain Green)

$Cu_2(OH)_2CO_3$. Dark green powd. Sp. gr. 3.7-4.0. Decomp. on heating. Sol. acids; insol. water. Uses—mfr. copper salts, pyrotechnics; electroplating brass on copper; paint and varnish pigment; insecticide and germicide; coloring metals; astringent in pomades; antidote for phosphorous poisoning. Grades—tech. (50-52% copper, agricultural grade, 18-20%); C.P.
●Pkg—Bags, bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leilarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George J Wiesner Co, 150 Nassau St, N Y 38

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

COPPER CARBONATE, BLUE (Sesquicupric Carbonate, Artificial Blue Malachite, Azure Copper, Mineral Hamburg, Mountain Verditer, Bremen Blue)

Basic copper carbonate; composition variable. Blue powd. Sol. dilute acids; insol. alcohol, water. Uses—mfr. pyrotechnics; as pigment; coloring paper; coloring brass blue or black.

American Quinine Co, 15 William St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER CARBONATE, CUPROUS

Cu_2CO_3. Yellow solid. Decomp. on heating. Sol. alkalies, ammonia. Uses—mfr. copper salts. Grades—tech.

●Pkg—Bags, bbls.

American Quinine Co, 15 William St, N Y 5
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Legion Chem, 70 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER CHLORIDE, CUPRIC (Cupric Chloride, Copper Bichloride, Copper Dichloride)

a. $CuCl_2$. b. $CuCl_2.2H_2O$. a. Yellow, amorp. powd. b. Greenish-blue deliq. Both solids. Sp. gr. a. 3.53. b. 2.47. M.P. a. 422°C. b. Loses water at 100°C. Both sol. water. Uses—deodorizing and desulfurizing petroleum distillate; mfr. organic chemicals, intermediates, pharmaceuticals; in purifying acetylene; electrometallurgy of nickel; copper refining; denitrating rayon; as insecticides; coloring metals; laboratory reagent. Grades—tech.; C.P.

●Pkg—100, 325, 400 lb. drums, bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Henry Bower Mfg Co, 29 & Grays Ferry Rd, Phila 46, Pa
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER CHLORIDE, CUPROUS (Cuprous Chloride)

CuCl. White crystalline powd. Sp. gr. 3.68-3.88. M.P. 425°C. B.P. 954-1032°C. Sol. hydrochloric acid, ammonia, ammonium chloride; insol. water. Uses—mfr. aniline dyes, methyl violet, photographic paper, sympathetic and indelible inks; pyrotechnics, paint pigments; as catalyst; oxidizing agent; mordant in dyeing and printing textiles; wood preservative; water disinfectant; as insecticide in refining copper; gold and silver metallurgy of mercury and electroplating copper or aluminum; mfr. pure cabon monoxide; in medicine. Grades—tech.; C.P.

●Pkg—25, 100 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*F W Berk & Co, Park Pl E, Woodridge, N J
*General Chem Div, 40 Rector St, N Y 6
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER CHROMATE (Basic Cupric Chromate)

$CuCrO_4.2CuO.2H_2O$. Light brown powd. Sol. dilute acids, chromic acid solution, ammonium hydroxide; insol. alcohol, water. Uses—as mordant in dyeing.

●Pkg—1, 5 lb. bottles, 25, 100 lb. drums, 50 lb. bags.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

COPPER CYANIDE, CUPROUS (Cupricin)

Cu_2CN_2. M.W. 179.16. White or grayish-white powd. Sol. ammonium hydroxide, potassium cyanide, hot hydrochloric acid; insol. water, dilute sulfuric acid, cold hydrochloric acid. Uses—mfr. intermediates; copper-brass and alloy gold electroplating; in anti-fouling paints; in medicine.

●Pkg—25, 50 lb. kegs, 25, 100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Browning Chem Corp, 150 Broadway, N Y
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Sales Corp, 500 5 Ave, N Y 36
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chemical Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
George J Wiesner Co, 150 Nassau St, N Y 38

COPPER DICHLORIDE see Copper Chloride, Cupric

COPPER 2-ETHYL HEXOATES (OCTOATES)

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COPPER FLUOBORATE (Cupric Fluoborate)

$Cu(BF_4)_2$. M.W. 237.2. 45% solution dark blue liq. Uses—in copper and copper alloy plating baths.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER FLUORIDE

Uses—flux, opacifier in enamel, glass and ceramics; in prep. of brazing, soldering, welding fluxes, in electrical industry.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6

COPPER FORMATE

$Cu(OOCH)_2$. M.W. 153.59. Bluish crystalline powd. Uses—preps. of catalysts for hydrogenation and isomerization reactions.

●Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

COPPER GLUCONATE

$[CH_2OH(CHOH)_4\ COO]_2\ Cu$. M.W. 453.87.

●Pkg—1, 5 lb. cans, 25 lb. drums

*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

COPPER HEMIOXIDE see Copper Oxide, Red

COPPER HYDRATE see Copper Hydroxide

COPPER HYDROXIDE (Copper Hydrate, Cupric Hydroxide, Hydrated Copper Oxide)

$Cu(OH)_2$. M.W. 97.59. Blue, amorp. powd. Sp. gr. 3.368. Decomp. on heating. Sol. acids. Uses—mfr. copper salts, rayon; as mordant in textile dyeing; pigments in paints, varnishes and for staining paper; laboratory reagent. Grades—tech.

●Pkg—50 lb. bags.

*Chipman Chem Co, Bound Brook, N J
City Chem Corp, 132 W 22 St, N Y 11
Faesy & Besthoff, 325 Spring St, N Y 13
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5

COPPER IODIDE

●Pkg—4 oz., 5 lb. bottles

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

COPPER LASUR see Copper Carbonate

COPPER LINOLEATE (Cuprous Linoleate)

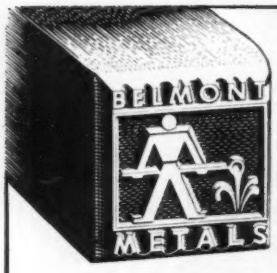
$Cu(C_{17}H_{31}COO)_2$. M.W. 621.93. Greenish-blue masses. Uses—preservation of cloth, wood, and paint against mildew, dry rot; in paints to prevent growth of barnacles.

*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

CUPRIC CHLORIDE
HENRY BOWER CHEMICAL MANUFACTURING CO.
29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

Faesy and Besthoff Inc.
COPPER CARBONATE
COPPER HYDRATE
COPPER SULPHATE
325 SPRING STREET
NEW YORK 13, N. Y.
ALgonquin 5-7300
Plant and Warehouse: Hicksville, L. I.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



Putting Mettle Into Metals Since 1896

COPPER

INGOT · SHOT · POWDER

ANODES · CATHODES · ALLOYS

COPPER OXIDE

CUPROUS (RED)
CUPRIC (BLACK)

COMMERCIAL - HIGH GRADE

Belmont TELEPHONE Dickens 2-4900
SMELTING & REFINING WORKS, INC.
322 BELMONT AVENUE • BROOKLYN 7, N. Y.

COPPER MONOXIDE see Copper Oxide, Black

COPPER NAPHTHENATE

11-13% copper. Green solid. Uses—preservation cloth, wood, paint, against mildew, dry rot; in paints to prevent barnacle growth.

● Pkg—1, 5, 15, 55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Barclay Chem Co, 75 Varick St, N Y 13
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Sterone Corp, 250 W 57 St, N Y 19
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COPPER NITRATE (Cupric Nitrate)

a. $Cu(NO_3)_2.3H_2O$. b. $Cu(NO_3)_2.6H_2O$. Blue, deliq. cryst. Sp. gr. (trihydrate) 2.047; (hexahydrate) 2.074. M.P. (trihydrate) 114.5°C.; (hexahydrate) 26.4°C. Sol. water, alcohol. Uses—mfr. photographic paper, enamels, paints, varnishes, dyestuffs, insecticidal compositions; in electroplating nickel; coloring copper black; as indigo reserve and mordant in dyeing and printing textiles; burnished effect on paints; in medicine. Grades—tch.; C.P.

● Pkg—100, 350 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

COPPER OLEATE, CUPRIC—see also Soaps, Metallic

$Cu(C_{18}H_{33}O_2)_2$. Greenish-blue masses. Sol. ether; insol. water. Uses—as drier of paints, varnishes, enamels, etc.; in medicine. Grades—C.P.; tech.

● Pkg—100, 400 lb. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

COPPER OXALATE

$(COO)_2Cu$. M.W. 151.69. Occurs as the semi-hydrate; bluish-white cryst. Insol. in water. Use—agricultural insecticide.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

COPPER OXIDE, BLACK (Cupric Oxide, Copper Monoxide)

CuO. M.W. 79.57. Brownish-black, amorp. powd. Sp. gr. 6.40. M.P. 1026°C. Sol. acids; insol. water. Uses—mfr. aromatic acids from cresols, paper, rayon, antifouling paints, ceramics, glazes and enamels, electric batteries, synth. precious stones; desulfurizing petroleum; electroplating metals; as germicide and insecticide; laboratory chemical; purification of hydrogen; as catalyst; green color in glass. Grades—tech.; C.P.

● Pkg—100 lb. bags, 800 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Calumet Div, 1 Calumet Ave, Calumet, Mich
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38

COPPER OXIDE, RED (Cuprous Oxide, Copper Hemioxide, Copper Protoxide, Copper Suboxide)

Cu_2O. Reddish brown, crystalline powd. Sp. gr. 5.76-6.09. M.P. 1235°C. B.P. 1800°C. Sol. acids, alkalies; insol. water. Uses—mfr. paper, copper salts, red glass, metallic copper, red ceramics; in enameling and electroplating.

● Pkg—50 lb. bags, 62½, 110 lb. pails, 100, 200, 450, 500 lb. bbls., drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Calumet Div, 1 Calumet Ave, Calumet, Mich
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

COPPER OXYCHLORIDE

$CuCl_2.2Cu0.4H_2O$. Bluish-green powd. Sol. ammonium hydroxide; insol. water. Uses—as green pigment.

● Pkg—12x4 lb. bags/case, 50, 100 lb. bags, 300 lb. bbls.

Industrial Sales Corp, 500 5 Ave, N Y 36
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
Riches-Nelson, 342 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

COPPER OXYCHLORIDE SULFATE

Cu 55-57%. Fluffy light blue powd., minute particle size, low apparent gravity. This material is essentially penta (5) basic. Uses—agricultural fungicide for dusting, spraying or seed treatment.

● Pkg—50 lb. bags.

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

COPPER PALMITATE

*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio

COPPER OXIDE
FOR INDUSTRY AND AGRICULTURE

CALUMET COPPER OXIDE
for Industry

Extensively used in
- **Paint and Pigment Manufacture**
- **Ceramic Coloring**
- **Base for Copper Chemicals**
- **Catalyst**

CALUMET BROWN COPPER OXIDE
for Agriculture

The new extraordinary Calumet **BROWN** Copper Oxide. Remarkable results established in three distinct agricultural fields:

- **As a Fungicide**
- **As a Soil Amendment**
- **As a Feed Supplement**

Proved as a nutritional spray or dust and used with safety in supplying nutritional copper in corrective or maintenance programs.

THE BROWN COPPER FOR BETTER CROPS

These copper oxides are of a chemically proven stable mixture of highly cuprous copper oxides, containing 75% metallic copper. Chemically produced under controlled conditions. Uniform in composition assuring consistent results.

CALUMET DIVISION OF CALUMET & HECLA, INC. CALUMET, MICHIGAN

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

COPPER 3-PHENYLSALICYLATE

$C_{26}H_{18}CuO_6$. M.W. 490. Tan crystalline material. Uses—odorless preservative for textiles, leather, and wood.
● Pkg—75 lb. drums.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn

COPPER PHOSPHATE

● Pkg—50 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*City Chem Corp, 132 W 22 St, N Y 11
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

COPPER POWDER

Cu. 99.60% plus. Usually supplied in 100-200-300 mesh.
● Pkg—100, 200, 600 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Magna Mfg Co, 4 Ave, Haskell, N J
*Metals Disintegrating Co, Elizabeth B, N J
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

COPPER PROTEIN

*Heyden Chem Corp, 342 Madison Ave, N Y 17

COPPER PROTOXIDE see Copper Oxide, Red

COPPER 8-QUINOLINOLATE (Copper 8-Q)

$(C_9H_6ON)_2Cu$. M.W. 351.9. Yellowish-green powd. Uses—fungistate to protect fabrics, leather; protective coating materials against organism attack.
● Pkg—15, 25, 50 lb. drums.

*Fisher Chem Co, 220 E 42 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

COPPER RESINATE (Cupric Resinate)

$Cu(C_{20}H_{29}O_2)_2$. Green, amorp. powd. Sol. ether, oils. Uses—mfr. anti-fouling paints, insecticidal compositions, ceramics; as preservative metal paint. Grades—tech.
● Pkg—120 lb. drums.

*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

COPPER RICINOLEATE

$Cu[CH_3(CH_2)_5CHOHCH_2CHCH(CH_2)_7CO_2]_2$. M. W 654. Deep green solid. Softening point of 55-60°C. Uses—mainly as fungicide; lubricant.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio

COPPER SHOT

Reddish, lustrous metal in pellet or globular form. Becomes dull when exposed to air. Sp. gr. 8.96. M.P. 1.083°C. B.P. 2.310°C. Sol. hot conc. sulfuric acid, hot conc. nitric acid and dilute nitric acid. Sl. sol. in dilute sulfuric acid, ammonium hydroxide and organic acids very sl. sol. in hydroxide acid; insol. cold conc. nitric acid, water and alcohol.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Metals Disintegrating Co, Elizabeth B, N J
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

COPPER STEARATE (Cupric Stearate)

$Cu(C_{18}H_{36}O_2)_2$. Light blue, amorp. powd. Sol. ether, chloroform, benzol, turpentine; insol. water. Uses—mfr. anti-fouling paints; bronzing purposes. Grades—tech.
● Pkg—50 lb. bags.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
Witco Chem Co, 260 Madison Ave, N Y 16

COPPER SUBACETATE see Copper Acetate

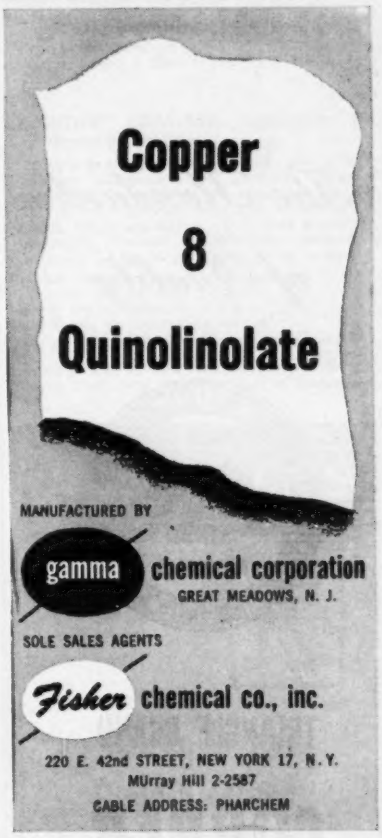
COPPER SUBCARBONATE see Copper Carbonate

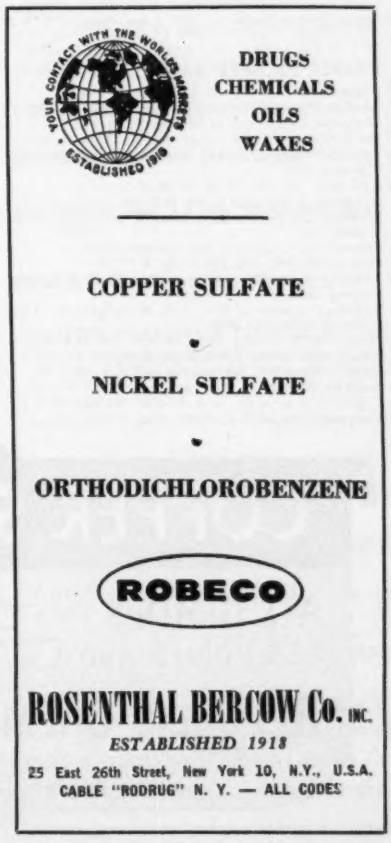
COPPER SUBOXIDE see Copper Oxide, Red

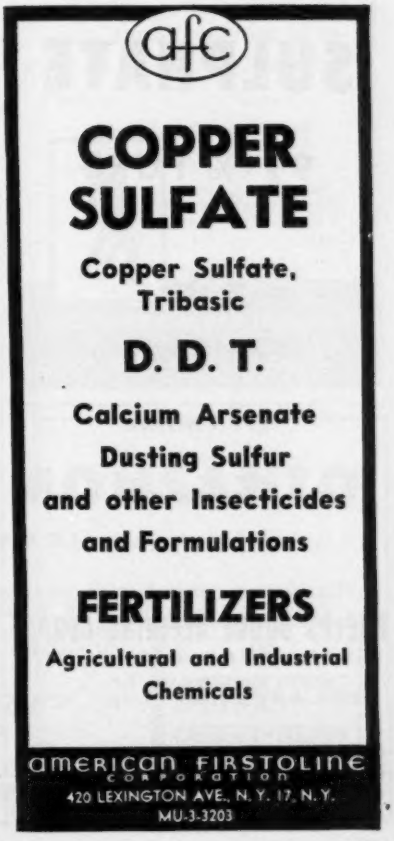
COPPER SULFATE (Blue Vitriol, Blue Stone, Blue Copperas, Roman Vitriol, Salzburg Vitriol)

$CuSO_4.5H_2O$. Blue, crystalline powd. or lumps. Efflorescent (when dehydrated almost white). Sp. gr. 2.284 (15°C). Loses water at 110°C. Sol. water, alcohol. Uses—mfr. copper salts, printing inks, electric batteries, Paris green, Bordeaux mixture, casein glues; as mordant in printing and dyeing textiles; germicide, insecticide and fungicide; laboratory reagent; wood preservative; dehydrating agent, (anhydrous form); pigments in paints and hair dyes; copper plating, etching, and in electrolytic baths; in the sweetening process in refining; for drawing wire; process engraving and photo engraving; tanning leather; purifying drinking water and swimming baths; preserving pulpwood and ground pulp; for coloring metals; in medicine. Grades—C.P.; tech.; 99% cryst.; granulated; powdered.
● Pkg—Bags, drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Quinine Co, 15 William St, N Y 5
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Arnida Products Co, 15 Whitehall St, N Y 4
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
*Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
C B Coburn, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
Consumers Products Co, 99 Hudson St, N Y 13
De Bear Inc, 636 11 Ave, N Y 36
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del







*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

The Standard of Quality

PHELPS DODGE REFINING CORPORATION
NICHOLS
TRIANGLE BRAND
REG. U.S. PAT. OFF.
CHEMICALS
40 WALL ST. NEW YORK

TRIANGLE BRAND

COPPER SULPHATE

99+% PURE

ALSO

Nickel Sulphate

Selenium

Tellurium

PHELPS DODGE REFINING CORP.
Electrolytic Refiners of Copper
40 Wall Street, New York 5, N. Y.
230 N. Michigan Avenue, Chicago 1, Ill.

COPPER, SULFATE, continued

Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Esor Chem Co, 205 E 42 St, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Charles Page & Co, 50 E 42 St, N Y 17
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
White Cross Labs, 79 Wall St, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

COPPER SULFATE, BASIC

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Quinine Co, 15 William St, N Y 5
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Calumet Div, 1 Calumet Ave, Calumet, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kingston Chem Co, 15 William St, N Y 5
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Phillip Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga

COPPER SULFATE, MONOHYDRATED

$CuSO_4.5H_2O$. When heated to 110°C loses 4 molecules of water. Uses—mfr. green and blue pigments; sprays for plants; in electrolysis and galvanoplating; as a reagent in the dye industry; in medicine.
● Pkg—Bags, drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Quinine Co, 15 William St, N Y 5
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
H J Baker & Bro, 600 5 Ave, N Y 20
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

COPPER SULFOCYANIDE (Copper Thiocyanate, Cuprous Sulfocyanide, Cuprous Rhodanate)

CuSCN. Yellowish-white, amorp. powd. M.P. 1084°C. Sol. ammonia. Uses—mfr. organic chemicals, synth. dyes, drugs, perfumes, anti-fouling marine paints and varnishes; in hydrocyanic acid; printing textiles; as laboratory reagent; reagent in making intermediates.
● Pkg—Custom packed.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
*City Chem Corp, 132 W 22 St, N Y 11
*Halby Chem Co, Terminal Ave, P O Box 366, Wilmington 99, Del

COPPER TARTRATE

● Pkg—Bottles.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11

COPPER THIOCYANATE see Copper Sulfocyanide

COPPER UNDECYLENATE

$Cu[CH_3CHCH(CH_2)_7CO_2]_2$. M.W. 430. Dark green solid. Relatively low softening point. Uses—germicide; fungicide.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Fine Organics, 211 E 19 St, N Y 3
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J

COPPERAS see Ferrous Sulfate

COPPERON see Cupferron

COPRA

Dried meat of coconut. Habitat—Ceylon, Java, Philippines, etc. Uses—in mfr.; extraction of coconut oil and copra cake and meal.

*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal

COPPER SULPHATE

ALL GRADES AND OTHER CHEMICALS, SOLVENTS AND COAL TAR PRODUCTS

REPUBLIC CHEMICAL CORP.
94 Beekman Street, New York 38
Cable Address: Jaynivrad

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

COPRA CAKE AND MEAL (Coconut Cake)

Residue from crushing of dried Copra in coconut oil production. Copra meal is ground Copra cake. Analysis shows 19% protein, 6% fat, 11% fibre. Uses—livestock feed.

*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal

CORE COMPOUNDS

Proprietary preps. employed in foundry practice to stiffen, harden and vent cores; to give body to the sand. Should burn without smoke or smell, should not blow, and should rap out easily. See Oils, Core.

*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Foundry Services, 280 Madison Ave, N Y 16
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*International Minerals & Chem Corp, Industrial Minerals Div, 20 N Wacker Dr, Chicago 6, Ill
*Knefler-Bates Co, Box 474, Indianapolis, Ind
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich

CORN STARCH see Starch, Corn

CORN SUGAR (Dextrose, Glucose, Grape Sugar, Baker's Sugar)

$C_6H_{12}O_6.H_2O$. White, amorp., crystalline powd. Sp. gr. 1.562038 (18°C). M.P. 140°C. Sol. water. Uses—mfr. confectionery, baked products, vinegar, sweetmeats, marmalades, vegetable foods, food preps. logwood and dyewood liquors; thickening agent in extracts, taning liquors and chrome tanning; brewing and wine making; flavoring tobacco; sizing, weighing, and ingredient of printing pastes for textiles, viscose and cuprammonium rayon precipitating baths; in medicine. Grades—tanners' edible; tech.; C.P.; U.S.P.

●Pkg—5, 10 gal. pails, 25, 100 lb. drums, 30 55 gal. bbls.

*Clinton Foods, Clinton, Iowa
*Corn Products Sales Co, 7 Battery Pl, N Y 4
Dehls & Stein, 237 South St, Newark 5, N J
Esor Chem Co, 205 E 42 St, N Y
Legion Chem, 70 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
O J Weeks Co, 44 N Moore St, N Y 13

CORNISH CLAY see Clays, China

CORROSIVE SUBLIMATE see Mercuric Chloride

CORTISONE

*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Schering Corp, 2 Broad St, Bloomfield, N J

CORUNDUM see Aluminum Oxide

COSMETIC BISMUTH see Bismuth Oxychloride

COSMOLINE see Petrolatum

COTTON DUST see Insecticides, Cotton Dusting

COTTON LINTERS

Short hairs left after removal of the stable cotton. Mainly cellulose and used for the mfr. of nitrocellulose, cellulose acetate, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Swift & Co, Oil Mill Dept, Union Stock Yards, Chicago 9, Ill

COTTON-SEED see Oil, Cottonseed

COTTONSEED MEAL AND CAKE

Ground cottonseed cake. Light yellow color, sharp, nutty odor. Uses—in fertilizer, cattle foods, horse feed.

H J Baker & Bro, 600 5 Ave, N Y 20
Elbert & Co, 2 Broadway, N Y 4
Charles Page & Co, 50 E 42 St, N Y 17
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Swift & Co, Oil Mill Dept, Union Stock Yards, Chicago 9, Ill

COUMARIN (Camarin, Tonka-bean Camphor, Benzopyrone, o—Hydroxy-cinnamic Lactone)

$C_9H_6O_2$ M.W. 146.05. Colorless, crystalline product with an odor resembling new mown hay. M.P. 70°C. Sol. alcohol, ether, chloroform; sl. in hot water. Uses—in perfumes, soaps, tobacco, food flavors.

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Failek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Polak & Schwarz, 667 Washington St, N Y 14
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterwin Chem, 1450 Broadway, N Y 18
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
O J Weeks Co, 44 N Moore St, N Y 13

p-COUMARONE (Coumarone Resin, Benzofurane Resin)

C_6H_4CHOCH. Lemon-yellow to brownish-red, solid amorp. Sp. gr. 1.05-1.10. M.P. 45-200°C. Decomp. at 250°C. Sol. ether, coal tar and petroleum solvents, turpentine, acetone, carbon tetrachloride carbon disulfide, pyridine; insol. alcohol, water. Uses—mfr. rubber fillers, chewing gum, paints, varnishes, insulating compositions, enamels, molded goods. Grades—varying.

●Pkg—Flakes, 50 lb. bags; liquid, 30, 55 gal. drums.

*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Neville Co, Neville Island, Pittsburgh 25, Pa

COUMARONE RESIN see p-Coumarone

COWRIE ∞AURIE see Gum, Congo

CREAM OF TARTAR see Potassium Bitartrate

CREOSOTE see Creosote, Wood

CREOSOTE CARBONATE (Cresosotal)

Colorless to yellowish liq., sl. creosote odor. Sp. gr. not below 1.145 at 20°C. Insol. water; sol. alcohol. Grades—U.S.P.

●Pkg—48 lb. carboys.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

CREOSOTE, COAL-TAR (Creosote Oil, Liquid Patch Oil)

Yellowish to dark green-brown, oily liq.; clear at 38°C. or higher. Characteristic odor; poisonous. Mixture of phenols, contains anthracene and naphthalene. Sp. gr. 1.03 (38°C). Distilling range 200° to 400°C. Sol. alcohol, benzene and toluene. Uses—wood preservatives, disinfectants, insecticides, and germicides. Grades—tech.

●Pkg—1, 5, 50, 55 gal. drums, 44 lb. carboys.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Chematar Inc, 40 Exchange Pl, N Y 5
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa

HERCULES



Cotton Linters (Pulp-Bleached)

Best and purest source of cellulose. Viscosities and many other properties as required in bulk and sheeted form.



GM51-1

HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

COUMARIN MONSANTO

(COUMARIN N.F.)

Fine or large white crystals or powder; odor, characteristic; melt (liquid), clear and colorless; m.p. 68.8° C., 155.8° F. min.; solubility in ethyl alcohol (1:10), complete; moisture 0.10% max.; ash 0.05% max.; conforms to N. F. 1-oz. free sample.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS—PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

CREOSOTE, COAL-TAR, continued

*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Inland Steel Co, 38 S Dearborn St, Chicago 3, Ill
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
Neville Co, Neville Island, Pittsburgh 25, Pa
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
Zophar Mills, 103 26 St, Bklyn 32, N Y

CREOSOTE, MEDICINAL

*Heyden Chem Corp, 342 Madison Ave, N Y 17

CREOSOTE, WOOD

Mixture of phenols, chiefly guaiacol and creosol. Almost colorless or yellowish, very refractive, oily liq.; characteristic smoky odor; caustic, burning taste. Sp. gr. not below 1.076. B.R. 203°C.-220°C. Sol. water glycerine, glacial acetate acid, fixed alkali hydroxide solutions; miscible with alcohol, chloroform, ether, oils. Uses—medicinals.

● Pkg—44 lb. carboys, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Zophar Mills, 103 26 St, Bklyn 32, N Y

m-CRESOL (m-Methylphenol, m-Hydroxy Toluene)

$CH_3C_6H_4OH$. M.W. 108.06. Colorless to yellow liq. Phenol-like odor. Sol. alcohol, ether; sl. sol. in water. Sp. gr. 1.037 @ 16°C. B.P. 202°C. Uses—medicinal, disinfectant, fumigant, mfr. synth. resins, photographic developers, explosives.

● Pkg—55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
*J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Commodities Corp, 11 Mercer St, N Y 13
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
United Sterling Corp, 350 5 Ave, N Y 1

o-CRESOL (o-Methyl Phenol)

$CH_3C_6H_4OH$. M.W. 108.13. M.P. 30°C. B.P. 191.5°C.

● Pkg—5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Commodities Corp, 11 Mercer St, N Y 13
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mercer Chem Corp, 11 Mercer St, N Y 13
William D Neuberg Co, 420 Lexington Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
George F Smith, 60 E 42 St, N Y 17
*United States Steel Co, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
United Sterling Corp, 350 5 Ave, N Y 1

p-CRESOL

Crystalline mass. Phenol-like oder. Sp. gr. 1.039. M.P. 36°C. B.P. 202°C. Uses—disinfectant, fumigating compositions, creosotinic acid, dyestuffs.

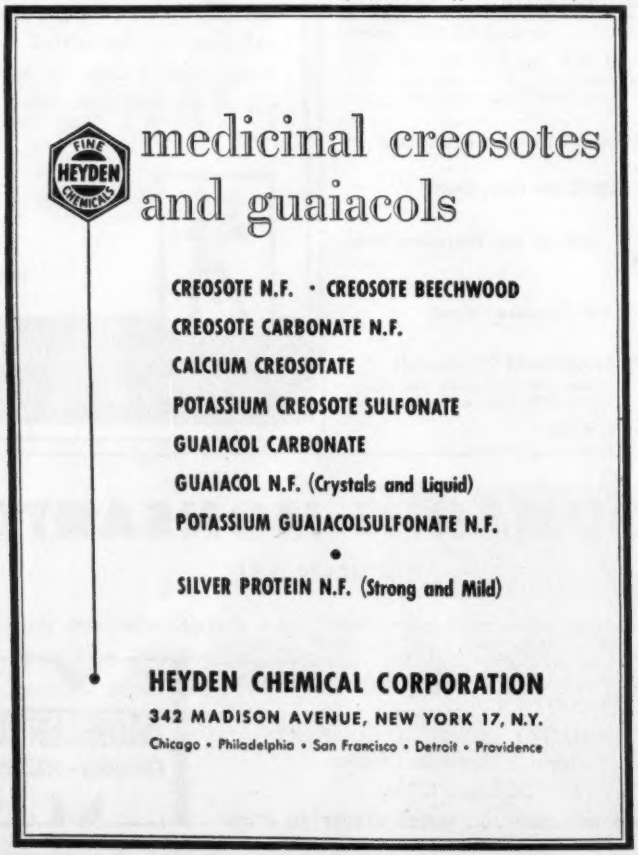
● Pkg—55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*International Commodities Corp, 11 Mercer St, N Y 13
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Mercer Chem Corp, 11 Mercer St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
*Sherwin-Williams Co, 100 Park Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17
Joseph Turner & Co, Ridgefield, N J

p-CRESOL METHYL ETHER

● Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J



*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

CRESOL, MIXED (Ortho, Meta and Para)

$CH_3C_6H_4OH$. Ortho—white, crystalline powd., phenol-like odor. Sp. gr. 1.011. M.P. 30.4°C. B.P. 191°C. Meta—colorless to yellow liq., phenol-like odor. Sp. gr. 1.0419. M.P. 12°C. B.P. 202°C. Para—colorless crystalline, phenol-like odor. Sp. gr. 1.039. M.P. 34.5°C. B.P. 202°C. All sol. ether, alcohol, chloroform. Uses—(Ortho) mfr. coumarin, disinfectants, coumarone, fumigants; (Meta) mfr. photographic developers, nitrocresol and nitrocresol explosives, disinfectant soaps, printing inks, paint and varnish removers; as leather preservative; removing ink from newsprint; solvents and preservative for glues; pastes and grinding compounds; softening and reclaiming rubber; basis in making synthetic resins, perfumes, pharmaceuticals. (Para) mfr. cresotinic acid dyes; disinfectants and fumigants; in medicine. Grades—U.S.P.; tech.; ortho; meta; para.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Calco Chem Div, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
Koion Trading Co, 15 Park Row, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mercer Chem Corp, 11 Mercer St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
United Sterling Corp, 350 5 Ave, N Y 1

m-CRESOL, PURPLE (m-Cresol-sulfonphthalein)

$C_{21}H_{18}O_5S$. M.W. 382.4. Green crystalline powd. Uses—pH indicator—pH range 1.2 (red) to 2.8 (yellow) and 7.6 (yellow) to 9.2 (purple).
● Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*National Aniline Div, 40 Rector St, N Y 6

CRESOL, RED (o-Cresolsulfonphthalein)

$C_{21}H_{18}O_5S$. M.W. 382.4. Fine, green or reddish brown crystalline powd. Uses—pH indicator; pH range 0.2 (red) to 1.8 (yellow) and 7.2 (yellow) to 8.8 (red).
● Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*National Aniline Div, 40 Rector St, N Y 6
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis

CRESOLPHTHALEIN

Reddish-yellow, crystalline powd. Sl. sol. in water; sol. in alcohol. Uses—pH indicator range 8.2-9.8.
● Pkg—Custom packed.

*J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

m-CRESOL-SULFONPHTHALEIN see m-Cresol, Purple

o-CRESOLSULFONPHTHALEIN see Cresol, Red

CRESOLS, MIXTURE OF ORTHO, META AND PARA see Acid, Cresylic, Cresol, (Mixed)

CRESOSOTAL see Cr sote Carbonate

CRESYL see Acid, Cresylic

CRESYL DIPHENYL PHOSPHATE

$Po(C_6H_5O)_2C_6H_4OCH_3$. M.W. 340.3. Mobile liq. Uses—plasticizer similar to tricresyl phosphate.
● Pkg—5, 55 gal. drums.

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

U·S·S Cresols
Ortho Meta Para Special Grades
Tank cars or 55-gallon drums
UNITED STATES STEEL CORPORATION
525 WILLIAM PENN PLACE, PITTSBURGH 30, PA.
COAL CHEMICALS
UNITED STATES STEEL

m-CRESYL ACETATE

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36

p-CRESYL ACETATE

$CH_3C_6H_4OCCH_3$. M.W. 150. Colorless liq. Uses—narcissus compounds.
● Pkg—Custom packed.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11

p-CRESYLOL see Acid, Cresylic

CROCUS see Saffron, Spanish

CROCUS OF ANTIMONY see Antimony Sulfide

"CROCUS MARTIS" see Ferric Hydroxide

CROTONALDEHYDE (Propylene Aldehyde, Butenal, Crotonic Aldehyde)

$CH_3CHCHCHO$. Water-white liq., pungent odor, turns yellow on contact with air. Sp. gr. 0.8567. (15.6°C). B.P. 102°C. Flash Point 127.4°F. Freezing Point —69°C. Miscible with gasoline, benzol, etc. On heating dissolves fats, waxes and rubber. Uses—mfr. quinaldine, rubber accelerators, butyraldehyde, crotonic acid; solvent for varnishes, uncured synth. resins, vegetable and mineral oils; weed distillation of resin, shellac, resin. Grades—tech. (99%).
● Pkg—5 lb. jugs, 5, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn

CROTONIC ALDEHYDE see Crotonaldehyde

CRUDE ANTIMONY see Antimony Sulfide

CRUDE AROMATICS

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Dalton-Cooper, 200 W 34 St, N Y 1
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4 Oregon
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

CRUDE CREAM OF TARTAR see Argols

CRUDE DRUG EXTRACTS

*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*V & E Kohnstamm, 329 Canal St, N Y 13
*Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y

CRUDE DRUGS

Dalton-Cooper, 200 W 34 St, N Y 1
*Greer Drug Co, P O Box 800, Lenoir, N C
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
McKesson & Robbins, 155 E 44 St, N Y
*Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
George Uhe Co, 76 9 Ave, N Y 11

CRYOLITE, NATURAL, (Cryolith, Greenland Spar, Ice Stone, Kryolith)—see also Cryolith, Synthetic

$3NaF \cdot AlF_3$, or Na_3AlF_6. Natural, white, solid crystalline. Sp. gr. 2.90. M.P. 1000°C. Uses—mfr. soaps, ceramics, opaque glass; as pottery glaze and flux.
● Pkg—50, 100 lb. bags, 400 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

CRYOLITE, SYNTHETIC, (Sodium Aluminum Fluoride, Sodium Fluoaluminate)

Na_3AlF_6. M.W. 210. White crystalline powd. Uses—production of aluminum; opacifier and flux in production of glass and vitreous enamels; insecticide in agriculture.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17

CRYOLITH see Cryolite, Natural

CRYSTAL CARBONATE see Sodium Carbonate, Monohydrated

CRYSTAL VIOLET see Methyl Violet

CUBE

Light tan powd. Uses—insecticides. Grades—varied depending upon % rotenone content.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Quinine Co, 15 William St, N Y 5
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Kingston Chem Co, 15 William St, N Y 5
*Miller Products Co, Ft of SW Caruthers, Portland 1, Ore
*S B Penick & Co, 50 Church St, N Y 7
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

CUBE ALUM see Alum, Potash

CUBIC NITRE see Sodium Nitrate

CUDBEAR (Persio Orchil)

Purplish-red powd. Coloring matter from certain species of lichens. Uses—as a pure food coloring for pharmaceutical preps.)syrups elixirs, etc.).

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*S B Penick & Co, 50 Church St, N Y 7

CUMARIN see Coumarin

CUMENYLAMINE see Cumidine

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

HOOKER®
CYCLOHEXANOL
High Grade—Tech.
HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

CUMIDINE (Pseudocumidine, Trimethyl-Aminobenzene 1:2:4:5, Aminocumene, Cumenylamine, p-Isopropyl-aniline, Amino-Isopropylbenzene)

$C_6H_2(CH_3)_3NH_2$. White, solid crystalline. Sp. gr. 0.9526. M.P. 62°C. B.P. 236°C. Sol. alcohol, ether; insol. water. Uses—mfr. dyestuffs, intermediates, organic chemicals. Grades—tech.

*National Aniline Div, 40 Rector St, N Y 6

CUMINIC ALDEHYDE

$C_{10}H_{12}O$. M.W. 148.15. Colorless liq. with odor of cumin. Uses—compounding orris, cassia, violet and hyacinth perfumes.
● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

CUPFERRON (Nitrosophenyl Hydroxylamine, Copperon)

$C_6H_5NNOONH_4$. White, crystalline leaflets. M.P. 163°C. Sol. alcohol, ether, water. Uses—precipitant for metals.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio

CUPRIC see Copper Oleate

CUPRIC ACETATE see Copper Acetate

CUPRIC ACETOARSENITE see Copper Acetoarsenite

CUPRIC AMMONIUM SULFATE see Copper Ammonium Sulfate

CUPRIC ARSENIC see Copper Arsenite

CUPRIC CARBONIC see Copper Carbonate

CUPRIC CHLORIDE see Copper Chloride (Cupric)

CUPRIC FLUOBORATE see Copper Fluoborate

CUPRIC HYDROXIDE see Copper Hydroxide

CUPRIC NITRATE see Copper Nitrate

CUPRIC OXIDE see Copper Oxide, Black

CUPRIC RESINATE see Copper Resinate

CUPRIC STEARATE see Copper Stearate

CUPRIC SULFIDE see Copper Sulfide

CUPRICIN see Copper Cyanide (Cuprous)

CUPRON see α-Benzoinoxime

CUPROUS CHLORIDE see Copper Chloride (Cuprous)

CUPROUS LINOLEATE see Copper Linoleate

CUPROUS OXIDE see Copper Oxide, Red

CUPROUS RHODANATE see Copper Sulfocyanide

CUPROUS SULFOCYANIDE see Copper Sulfocyanide

CUPRUM see Copper

CURCUMA see Turmeric

CURRY see Turmeric

CUTCH (Gum Catechu, Cachou, Cashoo, Black Catechu, Kutch, Katechu, Japan Earth, Pegu Catechu, Terra Japonica, Gambier)—see also Mangrove Extract

Extract from wood and pods of Acacia catechu and from betel nut. Habitat—India. Comes in extract and solid form. Sol. water. Uses—mfr. protocatechuic acid, boiler compounds; as pigment and mordant in dyeing and printing textiles; tanning leather; weighting silks; staining wood; gold beating; in medicine. Grades—Rangoon; Borneo; solid; tablets; liq.
● Pkg—Custom packed.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Colony Import & Export Corp, 11 E 44 St, N Y 17
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

CUTTING COMPOUNDS

Paste compounds made with high grade oils, thoroughly saponified so that they mix readily with water. Uses—to insure a perfect and clean thread, smooth surfaces, and to keep tools clean; where pastes are more desirable than oils. See also Oils, Cutting.

*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Tech Products Dept, 165 & Indianapolis Blvd, Hammond, Ind
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Jacques Wolf & Co, Passaic, N J

CYANACETAMIDE (Nitrilomalonamide, Propionamide Nitrile)

$CNCH_2CONH_2$. M.W. 84. White cryst. Sol. water, alcohol. Uses—organic and pharmaceutical syntheses.
● Pkg—5, 25, 50, 100, 125 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16

CYANBENZENE see Benzonitrile

CYANGUANIDINE see Dicyandiamid

CYANOL see Aniline

CYANURIC CHLORIDE

$N_3C_3Cl_3$. M.W. 185. Crystalline solid. M.P. 147.8°C. B.P. 190°C. Sol. ether, benzene, acetic acid, ketones, carbon tetrachloride; reacts with water above 10°C. Uses—intermediate for dyestuffs, pharmaceuticals, plastics, resins, surface active agents.
● Pkg—50 lb. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
American Mineral Spirits Co, 155 E 44 St, N Y 17

CYCLAMEN ALDEHYDE

● Pkg—Custom packed.

*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

CYCLOHEXANE (Benzene Hexahydride)

C_6H_{12}. M.W. 84.16. Colorless liq. B.P. 80-81°C. Sp. gr. 0.779 at 20/4°C. Insol. water; sol. in most organic solvents. Uses—solvent; intermediate in organic synthesis.
● Pkg—5, 10, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Rdige Rd W, Rochester, N Y
Howe & French, 99 Broad St, Boston, Mass
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Chem Corp, 50 W 50 St, N Y 20

CYCLOHEXANOL (Hexahydrophenol, Hexalin)

$C_6H_{11}OH$. M.W. 100.09. Colorless, hygroscopic liq., camphor-like odor. Sp. gr. 0.962 M.P. 23.9°C. B.P. 161.5°C. Sl. sol. water. Uses—mfr. nitrocellulose varnishes and lacquers; disinfectants, germicides and insecticides; as general solvent in chemical processes, synth. rubber, textile soaps, detergents and in deodorizing fish oil soaps; dry cleaning agent; substitute for camphor in celluloid and plastics; in preserving wood; cutting, boring, drilling and machining oils; wax and in caustic preps.; glazing leather. Grades—tech.
● Pkg—1 gal. cans, 35, 425 lb. drums.

Allied Raw Materials Co, 38 Park Row, N Y 38
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Henley & Co, 801 2 Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Howe & French, 99 Broad St, Boston, Mass
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

CYCLOHEXANOL ACETATE (Cyclohexyl Acetate)

$CH_3COOC_6H_{11}$. M.W. 142.11. Sp. gr. 0.966. B.P. 177°C. Insol. water; sol. alcohol.
● Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

CYCLOHEXANONE (Ketohexamethylene)

($C_6H_{10}O$). Colorless liq., odor resembles acetone. Pounds per gal. 7.87. Sp. gr. 0.945; refract. index 1.443-1.451; B.P. 1554-156°C; Flash Point 50°C; F.P. —45°C. Sol. in water up to 5%; sol. in organic solvents. non-toxic. Uses—solvent for nitrocellulose and cellulose acetate; also resins, gums, shellac. Mfr. of shoe and metal polishes; solvent for fats, oils, waxes, crude rubber, cellulose ethers, solvent for basic dyes for lacquers; in paint removers; solvent and dispersing agent for dyes in textile dyeing; in metal degreasing.
● Pkg—55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Kolon Trading Co, 15 Park Row, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George J Wiesner Co, 150 Nassau St, N Y 38

CYCLOHEXANONE OXIME

$C_6H_{10}NO$. M.W. 113. White crystalline solid. Sol. ether, ethanol. Uses—intermediate; caprolactum syntheses; fuel additive.
● Pkg—Bbls.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

CYCLOHEXATRIENE see Benzol

CYCLOHEXENE (Benzene Tetrahydride)

C_6H_{10}. M.W. 82.14. Colorless liq. B.P. 83.3° C. Sp. gr. 0.810°C. at 20/4°C. Insol. in water and alcohol; sol. in unsaturated cyclic hydrocarbons. Uses—special solvent; intermediate in organic synthesis.
● Pkg—Bottles, 5, 10, 55 gal. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

CYCLOHEXYLAMINE

$C_6H_{11}NH_2$. M.W. 99. Clear, colorless liq. B.P. 760°C. at 134.5 mm. Sp. gr. at 25°/15.6°C; 0.865 approx. Miscible with water in all proportions. Wt. per gal., 7 lbs., approx. Uses—as dyestuff intermediate, solvent emulsifying agent, insecticide, and in organic synthesis. Ship. Class.—chemicals.
● Pkg—375 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

CYCLOHEXYL BROMIDE (Bromocyclohexane)

$C_6H_{11}Br$. M.W. 163. Colorless to sl. yellowish liq. Uses—pharmaceutical intermediate, source of cyclohexyl radical.
● Pkg—Bottles, 5 gal. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

CYCLOHEXYL BUTYRATE

● Pkg—Custom Packed.
J M Baird Co, 254 W 31 St, N Y 1
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

CYCLOHEXYL CHLORIDE

$C_6H_{11}Cl$. M.W. 118.6. White to pale amber liquid. B.P. 143°C. Insol. water. Uses—organic and pharmaceutical synthesis.
● Pkg—Bottles, 5 gal. drums.
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

o-CYCLOHEXYLPHENOL

$(HO)C_6H_4(C_6H_{11})$. M.W. 176.25. Grayish-white crystalline solid. Phenolic odor. Sp. gr. 1.018 @ 60°/25°. M.P. 47.3—55.5. B.P. 148°C. @ 10 mm. Flash point 273.2°F. Sol. acetone, benzene, ether, carbon tetrachloride. Sl. sol. water.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

p-CYCLOHEXYLPHENOL

$C_6H_{11}OH$. M.W. 176.1. Grayish-white fine cryst. with faint phenolic odor. B.P. 181°C./25 mm. M.P. 131°C. Sol. alcohol; insol. water. Uses—organic synthesis; phenolic resins.
*Dow Chem Co, Midland, Mich

CYCLOHEXYL STEARATE

$C_{24}H_{44}O_2$. M.W. 366.61. Sp. gr. 0.882 at 30°/15.5°C. Refractive index 1.4560 at 30°C. M.P. 26-28°C. B.P. 250-253°C. (20 m.m.), with decomposition. Pale yellow color. Sol. benzene, toluene, acetone, butylacetate, methanol. Insol. water. Uses—plasticizer for natural and synth. resins in coating compositions.
● Pkg—1, 7, 36 lb. tins, 400 lb. drums.
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Witco Chem Co, 260 Madison Ave, N Y 16

CYCLOHEX 'L TRICHLOROSILANE

● Pkg—1, 10 lb. bottles, 100 lb. drums.
*Dow Corning Corp, Midland, Mich

CYCLONOL

A cyclic acetate. Practically non-volatile nearly odorless, strongly hydrotropic. Lbs. per gal. 8.95; Sp. gr. 1.074; refract. index 1.474; B.P. 250°C.; Flash Point 75°C. Non-sol. in water; sol. organic solvents; non-toxic. Uses—as a plasticizer for cellulose acetate for use in lacquers and on prep. of films and sheets of this material; solvent for fats, resins, oils. Uses—in mfr. soap to produce clear water sol. combinations; increases wetting out, emulsifying and detergent properties of soap; mfr. cleaning compounds.
● Pkg—Custom packed.
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Fritzsche Bros, 76 9 Ave, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20

CYCLOPENTANE (Pentamethylene)

C_5H_{10}. M.W. 70.1. A hydrocarbon in Russian and Caucasian petroleum. Colorless liq. M.P. 95°. B.P. 50.5°. Insol. water; sol. alcohol.
● Pkg—Pint, quart bottles.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

CYCLOPENTANONE

C_5H_8O. M.W. 84.06. Colorless mobile liq. B.P. 125°C. at 630 mm. Uses—chemical intermediate for pharmaceutical and perfume mfr.
● Pkg—Custom packed.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill

CYCLOPENTENE

C_5H_8O. M.W. 68.1. Colorless liq., characteristic oder. Uses—organic synthesis, plastics.
● Pkg—Pint, quart bottles.
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

CYCLOPENTYL BROMIDE (Cyclopentane, bromo)

C_5H_9Br. M.W. 148.99. B.P. 137.9°C.
● Pkg—Custom packed.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Arapahoe Chem, 2800 Pearl St, Boulder, Col
*Fisher Chem Co, 220 E 42 St, N Y 17
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

CYCLOPROPANE (Trimethylene)

$CH_2\,CH_2\,CH_2$. M.W. 42.08. Colorless gas. M.P. 126.6. B.P. 34.4. Sol. alcohol, ether; insol. water. Uses—organic synthesis.
● Pkg—Cylinders.
*Thomas A Edison, Medical Gas Div, P O Box 15, Stuyvesant Falls, N Y
Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

CYMENE (Cymol, p-Cymol, p-Isopropyltoluene, Isopropyltoluol, Methylpropylbenzene, Methyl-Isopropylbenzene)

$C_6H_4(CH_3)C_3H_7$. a. Ortho. b. Meta. c. Para. Sp. gr. a. 0.8748. b. 0.862. c. 0.8551. M.P. b. —25°C. c. —73.5°C. B.P. a. 157°C. b. 175.6°C. c. 176.5°C. Sol. alcohol, ether, chloroform; insol. water. Uses—mfr. intermediates and organic chemicals; as solvent in metal polishes, synth. rubber, carvarol. Grades—tech.
*Brown Co, 150 Causeway St, Boston, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Newport Industries, 230 Park Ave, N Y 17

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CYMOL see Cymene

p-CYMOL see Cymene

CYSTAMIN see Hexamethylenetetramine

CYSTEINE (Amido-Thiolactic Acid, b-Mercaptoalanine, a-Amino-b-Thiol-Propionic Acid)

$C_6H_7O_2NS$. M.W. 121.13. An amino acid derived from cystine, and found in proteins and urinary calculi. White cryst., powd. Sol. water, acetic acid. The aq. soln. yields with $FeCl_3$ a deep blue color; also gives the nitroprusside reaction for sulfids.
*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

CYSTEINE HYDROCHLORIDE

$HSCH_2CH(NH_2.HCl)COOH$. M.W. 157.59. Colorless or white cryst. Uses—in medicine.
● Pkg—Bottles, drums.
*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

INSECTICIDES

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CYSTEINE, HYDROCHLORIDE, continued

Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

CYSTINE

$[SCH_2CH(NH_2)COOH]_2$. M.W. 240.23. White, crystalline powd. Sl. sol. in cold, more in hot water; sol. mineral acids, alkali hydroxides; insol. alcohol. ●Pkg—Custom packed.

*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fine Organics, 211 E 19 St, N Y 3
Falick Products Co, 163 Broadway, N Y 6
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y
George F Smith, 60 E 42 St, N Y 17
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

CYSTINE HYDROCHLORIDE

*American Quinine Co, 15 William St, N Y 5
European Chem Co, 366 Broadway, N Y 13
*Fine Organics, 211 E 19 St, N Y 3
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

CYSTOGEN see Hexamethylenetetramine

DAMMAR see Gum, Damar

DAMP-PROOFING BONDS

A high-grade asphalt, coal-tar, pitch, or some form of bitumen in such physical form that it can be brushed on walls before plastering to provide a close bond and to eliminate furring and lathing; also as a foundation coat for sub-structural work under earth filling and as a protection against moisture; as a backing for cut-stone, marble, limestone, or granite.

*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

DDT (Dichloro-Diphenyl-Trichloro-ethane)

$(ClC_6H_4)_2CHCCl_3$. Colorless cryst., M.P. 89°C. Sol. Freon, kerosene, hydrocarbon solvents; insol water. Technical DDT is a mixture of several isomers and reaction by-products, although the main constituent is 2,2-bis (p-chlorophenyl)—1,1,1-trichloroethane. The M.P. is consequently dependent upon the preponderance of the latter isomer, and some military specifications call for a higher setting point. Uses—insecticide active ingredient. Grades—tech. aerosol and purified. ●Pkg—Bags, drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Castle Color & Chem Co, 24 W 45 St, N Y 19
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chematar, Inc, 40 Exchange Pl, N Y 5
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
John A Chew, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DDT

BASIC MANUFACTURERS AND FORMULATORS

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& Powders

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129 Montague St. B'klyn 1, N.Y. ULster 2-5200

*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Duff Chem Co, 342 Madison Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Fisher Chem Co, 220 E 42 St, N Y 17
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Howe & French, 99 Broad St, Boston, Mass
International Commodities Corp, 11 Mercer St, N Y 13
Kolon Trading Co, 15 Park Row, N Y
Legion Chem, 70 Wall St, N Y 5
Philip J Lo Bue Co, 277 Park Ave, N Y 17
McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
Merchants Chem Co, 60 E 42 St, N Y 17
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*White Cross Labs, 79 Wall St, N Y
George J Wiesner Co, 150 Nassau St, N Y 38
*Wyandotte Chem Corp, Wyandotte, Mich

DECAHYDRONAPHTHALENE (Decalin, Dekalin, Bicyclodecane)

($C_{10}H_{18}$). A non-toxic clear water-white, colorless liq. Sp. gr. 0.877; pounds per gal. 7.41; B.P. 190°C.; Flash P. 57°C.; F.P. 10°C. Uses—solvent in paint and lacquer industries; mfr. shoe creams, floor waxes.
● Pkg—400 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DECALIN see Decahydronaphthalene

DECAMETHYLENEDIBROMIDE (1,10-Dibromodecane)

$C_{10}H_{20}Br_2$. M.W. 300.1. Uses—organic syntheses.
● Pkg—Custom packed.

Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Pierce Chem Co, P O Box 117, Rockford, Ill
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

DECAMETHYLENE GLYCOL (1,10-Dihydroxydecane)

$C_{10}H_{22}O_2$. M.W. 174.27. White cryst. M.P. 74°C. Uses—organic syntheses.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill
*Pierce Chem Co, P O Box 117, Rockford, Ill

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

n-DECANE

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Humphrey-Wilkinson, DeVine St, N Haven, Conn

DECAULKING COMPOUNDS

*Johns-Manville, 22 E 40 St, N Y 16

1-DECENE

● Pkg—Custom packed.

*Humphrey-Wilkinson, DeVine St, N Haven, Conn

DECOLORIZERS, GLASS

Chemicals or chemical compounds used in glass batches which tend to counteract the effect of iron or other coloring elements in glass. Purpose is to neutralize any of the impurities in the batch which may give a sl. tint to the glass instead of obtaining colorless glass.

American Firstofine Corp, 420 Lexington Ave, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

n-DECYL BROMIDE

$C_{10}H_{21}Br$. M.W. 221.2. White liq. B.P. 130°C. Insol. water. Uses—organic synthesis.

● Pkg—Custom packed.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

DECYL CHLORIDE (1-Chlorodecane)

$C_{10}H_{21}Cl$. M.W. 176.73. Clear colorless liq. Uses—source of decyl group in organic syntheses.

● Pkg—Custom packed.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DECYL MERCAPTAN

*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DEFECANTS, SUGAR

Uses in sugar refining to remove impurities.

*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

DEFOAMERS, GLUE, ETC.

Products which inhibit foaming and bubbling in the mfr. of glue. Many proprietary preps. are general in character and prevent foaming in a wide variety of mfr. operations, in the making of casein, shellac, paper, coatings, latex finishes, textile finishes, leather finishes, sizes, adhesives, etc., for the purpose of eliminating specks, pinholes, etc.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave SW, Seattle 4, Wash
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

DEFOAMING AGENTS, TEXTILE

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass.
*Jacques Wolf & Co, Passaic, N J

DEFOAMING COMPOUNDS, SILICONE

*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Corning Corp, Midland, Mich
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Elec, Chem Div, Pittsfield, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J

DEGRAS (Wool Grease, Sod Oil, Tanning Grease, Leather Grease)

Dark brown, solid amorp., disagreeable odor. Natural. Obtained by washing sheep's wool. Sp. gr. 0.9322-0.9449. Solidification point 38-40°C. Saponification No. 84-127. Iodine No. 15-21.5. Acid No. 0.5-4.3. Sol. alcohol, ether, benzol. Uses—mfr. lanolin, leather stuffing and dressing compositions, printing inks, belt dressings, varnishes, soaps. Grades—American; English; Moellen (9.V.): neutral.

● Pkg—400, 420 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
European Chem Co, 366 Broadway, N Y 13

DEGRAS
(Wool Grease)
COMMON AND NEUTRAL
GALLARD SCHLESINGER
CHEMICAL COMPANY
37-13 29th STREET, LONG ISLAND CITY 1, N. Y.
STILLWELL 4-3483
CABLE: GALLARDKEM

MALMSTROM NIMCO WOOL FAT & LANOLIN
DEGRAS
Common, Neutral, Fatty Acids
LANOLIN
Anhydrous, U.S.P., Hydrous, U.S.P.
Technical Absorption Base
America's Largest Processor of Wool Fat and Lanolin
N. I. MALMSTROM & CO.
147 Lombardy St., Brooklyn 22, N. Y.
612 N. Michigan Ave., Chicago 11, Ill.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Faesy & Besthoff, 325 Spring St, N Y 13
*Fanning Chem Corp, 352 Doremus Ave, Newark 5, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Hummel Chem Co, 90 West St, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Lanaetex Products, P O Box 52, Sta A, Elizabeth 1, N J
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Thomas J Shields Co, 11 Water St, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

DEGRAS, MOELLON

Grease by-product from tanning chamois leather. Varying constants. Uses—stuffing leather, belt dressing, tanning. Grades—anhydrous, 20, 30, 35% water.

European Chem Co, 366 Broadway, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Hummel Chem Co, 90 West St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Republic Chem Corp, 94 Beekman St, N Y 38

DEGREASING COMPOUNDS

*Afta Solvents Corp, 470-484 W 125 St, N Y 27
*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Enthone Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Feis, 272-274 E Ashmead St, Phila 44, Pa
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Huntington Labs, E Tipton St, Huntington, Ind
*Johns-Manville, 22 E 40 St, N Y 16
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*A J Stuli & Co, 5816 Taconv St, Phila 24, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Jacques Wolf & Co, Passaic, N J

DEGUMMERS, SILK

Specially formulated compounds used with or without soap to remove natural gum, wax, dirt, and foreign material found in natural silk yarns. See Boil-Off Compounds, Textile; Detergents, Textile.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
M Michel & Co, 90 Broad St, N Y 4
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Wallerstein Co, 180 Madison Ave, N Y 16
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DEHAIRING COMPOUNDS

Preps. used by meat packers for dehairing hogs.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Oakite Products, 19 Rector St, N Y 6
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wallerstein Co, 180 Madison Ave, N Y 16
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

DEHYDRATING AGENTS

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*W A Hammond Drierite Co, 120 Dayton Ave, Xenia, Ohio
*Jefferson Chem Co, 260 Madison Ave, N Y 16
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio
*Wyandotte Chem Corp, Wyandotte, Mich

7-DEHYDROCHOLESTEROL HEPARIN, SODIUM

*Conray Products Co, 510 Ave of the Americas, N Y 11
Nepera International Corp, 37 Wall St, N Y 5
*Vitamins, Inc, 809 W 58 St, Chicago 21, Ill
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

DE-ICING FLUID

American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Fine Organics, 211 E 19 St, N Y 3
William S Gray & Co, 342 Madison Ave, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Penetone Co, Tenafly, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y

DE KALIN see Decahydronaphthalene

DELUSTRANTS

Products which remove or decrease the "sheen" or metallic lustre of rayon so that the goods will have a duller, more silk-like appearance.

*Apex Chem Co, 225 W 34 St, N Y 1
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa

DEGRAS

Manufacturers of
Neutral and Common Degras
Lanolin
Absorption Base
Pharmaceutical,
Industrial
and
Cosmetic Chemicals

Cable Address "Frankfan" Newark, N.J.

Specify Red Diamond Quality

Fanning CHEMICAL CORP.
352 DOREMUS AVENUE
NEWARK 5, N. J.
NEW YORK DIGBY 4-2695 NEWARK MITCHELL 2-5448

*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

DEMULSIFIERS

*Antara Chem Div, 435 Hudson St, N Y 14
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Ultra Chem Works, 2 Wood St, Paterson, N J

DENATURANTS, ALCOHOL

Chemicals specified by the Bureau of Internal Revenue, U. S. Treasury Dept., to be added to ethyl alcohol, sold tax free for industrial purposes, to render it unpotable. A number of denaturing formulas are approved by the Bureau to meet particular manufacturing requirements. Complete data are available from the Bureau or from the industrial alcohol producers.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Aromatic Products, 15 E 30 St, N Y
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Eastman Chem Products, Kingsport, Tenn
European Chem Co, 366 Broadway, N Y 13
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

For quality and advanced service in
DEODORANTS
for all purposes...
PAINTS, POLISHES, TEXTILES, PLASTICS, ADHESIVES, LUBRICANTS, SOLVENTS, FOAM RUBBER AND OTHER ELASTOMERS
SINDAR® Corporation
Industrial Aromatics and Chemicals
330 West 42nd Street, New York 36, N. Y.
Branches: Philadelphia · Boston · Cincinnati · Detroit · Chicago · Seattle · Los Angeles · Toronto

DENATURANTS, ALCOHOL, continued

Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*William S Gray & Co, 342 Madison Ave, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

DENTAL POLYMERS

*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Seaplant Chem Corp, 63 David St, New Bedford, Mass

DEODORANTS

*Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Aromatic Products, 15 E 30 St, N Y
*Atlas Powder Co, Wilmington 99, Del
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fine Organics, 211 E 19 St, N Y 3
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Harwick Chem, First National Bank Bldg, Butler, Mo
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Huntington Labs, E Tipton St, Huntington, Ind
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
*Polarome Mfg Co, 73 Sullivan St, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sindar Corp, 330 W 42 St, N Y 36
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Chem Co, 217 New St, Phila 6, Pa
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia Smelting Co, W Norfolk, Va
Dyes & Chem Div, Wilmington 98, Del
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Westvaco Chem Div, 161 E 42 St, N Y 17

DEODORANTS, EMBALMING FLUIDS

Essential oils and special aromatic chemical formulations employed to eliminate by-odors in modern embalming fluids.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Fine Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y

DEODORANTS, GLUE

Preps. used to disguise the characteristic odor of glues.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DEODORANTS, INK

Products which neutralize the disagreeable odor of fresh printing ink and instead impart a pleasing smell.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36

DEODORANTS, LEATHER

Usually blends of aromatic compounds used chiefly to hide or disguise unpleasant odors of finishing compounds in specialty leather goods, such as wearing apparel accessories. Some types duplicate the distinctive odor of special leathers (as Morocco) in instances where this lends sales appeal.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36


All you need to remember...
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If you have a product, or plan a product, let Norda help you make it better. Norda knows what *you* need in Deodorants and Industrial Perfumes . . . for a good many years, has made good scents pay off. Call on us often . . . call on us now . . . write today . . . right away . . . for free samples, new catalogue.
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TORONTO HAVANA MEXICO CITY
LONDON PARIS

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DEODORANTS, PAINT

Aromatic chemical compounds that modify or improve the characteristic objectionable odors of solvents and the products of oxidation in drying paint films.

*Aromatic Products, 15 E 30 St, N Y
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DEODORANTS, PAPER

Products which supply a pleasant odor to various papers intended for consumer use.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36

DEODORANTS, PYROXYLIN

Products employed to disguise the characteristic odor of Celluloid, Pyroxylin and other cellulose consumer products.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fritzsche Bros, 76 9 Ave, N Y 11
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36

DEODORANTS, RUBBER

Aromatic compounds or essential oils or combinations of both generally incorporated during the milling operation, to mask characteristic odor of cured rubber: used chiefly in drug sundries, rain coatings, rubber shoes, and various types of rubber goods used in the home or on the person. Impart a more pleasing odor to finished goods, increasing consumer appeal.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36
R T Vanderbilt Co, 230 Park Ave, N Y

DEODORANTS, TEXTILE

*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Aromatic Products, 15 E 30 St, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave. Garfield, N J
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Sindar Corp, 330 W 42 St, N Y 36
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DEPURATED TARTAR see Potassium Bitartrate

DERBYSHIRE SPAR see Fluorspar

DERRIS

Leaves of Derris uliginosa, found in the South Sea Islands. Contains tubatoxin and a series of acid resins which make it poisonous to lower forms of life but not to human beings. Uses as a base for mfr. of insecticides, sprays, etc.

*American Quinine Co, 15 William St, N Y 5
*Chemical Insecticide Corp, 129 Montague St, Bklyn 15, N Y
Gaillard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Industrial Sales Corp, 500 5 Ave, N Y 36
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*John Powell & Co, 1 Park Ave, N Y 16
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

DESIZING AGENTS

Sizes of the gelatine, glue, gum, oil, wax, paraffin, or starch variety, must be removed from fabrics before dyeing. Certain of these can be emulsified and removed by washing with a suitable detergent. Starch must be converted into a water-sol. compound and this is done with enzymatic products, which digest the starch, converting it into maltose. Other desizing agents are of the solvent type. See also Enzymatic Preps.

*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Seaboard Industries, 195 Keen St, Paterson, N J
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Takamine Lab, 193 Arlington Ave, Clifton, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Wallerstein Co, 180 Madison Ave, N Y 16
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

DESIZING DETERGENTS, BUILDERS'

*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*National Aniline Div, 40 Rector St, N Y 6
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DESOXYCORTICOSTERONE ACETATE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
Desmo Chem Corp, 607 5 Ave, N Y 17
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Tuteur Bio-Chem, 52 Wall St, N Y

DESOXYEPHEDRINE (N-Methyl-b-Phenylisopropylamine, N-Methylamphetamine, 2-Methylamino-1-Phenylpropane)

$C_6H_5CH_2CH(NHCH_3)CH_3$. M.W. 149.23. B.R. 209-213°C. Uses—pharmaceutical.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

Sumner Chemical

manufacturers of

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for De-Sizing

PROVIDENCE, RHODE ISLAND

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

DESICCANTS

For A Wide Range Of Industrial Uses

FLORITE DESICCANTS

See list of Floridin products in "Company Directory" section

See also Floridin entry under "Adsorbents"

FLORIDIN COMPANY

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WARREN, PA.

Detergents

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Sodium Oleyl Methyl Tauride

ORATOL L-48
Sulphonated Amide

PARNOL
Sodium Dodecyl Benzene Sulfonate

SELLOGEN P
Lauryl Alcohol Sulphate

BENSAPOL
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LOUPOLE W-950
For Scouring Rayon Piece Goods

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Chemicals PASSAIC, N.J.

Passaic, N.J. • Carlstadt, N.J. • Los Angeles, Calif.

DRIOCEL A specially selected and activated bauxite, manufactured to low iron and high moisture adsorption specifications in a number of standard meshes.

Applicable to the great majority of gas and liquid hydrocarbon and other chemical drying problems, including air dehumidification. Specific applications include drying of rich and lean natural gases, residue gases, feed stocks to isomerization, synthetic rubber, and alkylation units, liquid propane, butane, ethylene, benzene, toluene, technical and electrical oils, refrigerants, air, etc.

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COLUMBUS, OHIO

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DESOXYEPHEDRINE, continued

J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Fisher Chem Co, 220 E 42 St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Gane's Chem Works, 677 5 Ave, N Y 22
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Lack Chem Co, 19 Park Pl, N Y 7
*Meta Chem Corp, 398 South St, Newark 5, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Sumner Chem Co, 6 E 45 St, N Y 17
Toelle Chem Co, R D 1, Box 75, Newton, N J

DESICCANTS

Drying agents used to remove moisture or dehydrate gases, solids, or liq.; utilized in the laboratory for the drying of gases and liq. by direct action (contact) and for the drying of solids (and liq.) by indirect action (through the intermediary of a gas, liq., or an evacuated space).

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Filtrol Corp, 727 W 7 St, Los Angeles 17, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
*W A Hammond Drierite Co, 120 Dayton Ave, Xenia, Ohio
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*G Frederick Smith Chem Co, 867 McKinley Ave, Columbus 16, Ohio

DESOXYEPHEDRINE BASE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

DESOXYEPHEDRINE HCL

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

dL-DESOXYEPHEDRINE BASE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

dL-DESOXYEPHEDRINE HCL

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

DETACKIFIERS, RUBBER

*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md

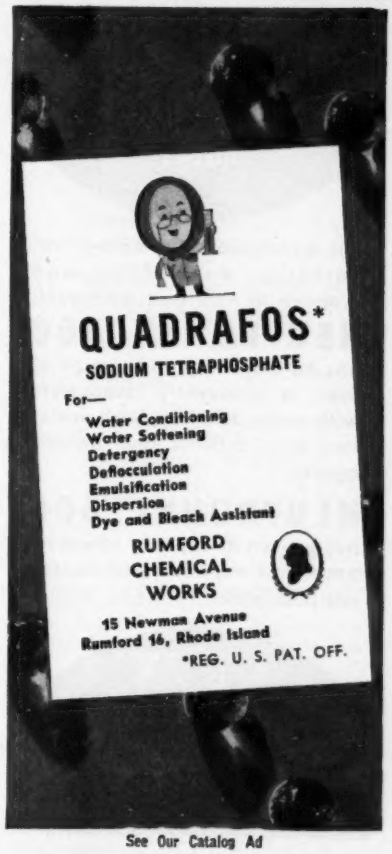
DETERGENTS

Various materials that aid in removing undesirable substances from the surface to be cleaned.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Allied Industrial Products Co, 225 W 34 St, N Y 1
*Alrose Chem Co, Box 1294, Providence 1, R I
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Armstrong Chem Co, 93-97 Buffalo St, Canandaigua, N Y
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Frank J Breen, 5329-31 S Woodlawn Ave, Chicago 15, Ill
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chematar, Inc, 40 Exchange Pl, N Y 5
John A Chew, 60 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Duff Chem Co, 342 Madison Ave, N Y 17
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*B J Howard Co, Whitaker Bldg, Baltimore 2, Md
R B Huber, 216 Tremont St, Boston 16, Mass
*Huntington Labs, E Tipton St, Huntington, Ind
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kiem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Edward Mendell Co, 24 W 45 St, N Y 19
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 15 Newman Ave, Rumford 16, R I
*Scher Bros, 519 Getty Ave, Clifton, N J
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal



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DETERGENTS
Non-ionic, anionic and cationic liquids and powders
EMULSIFIERS
non-ionic and anionic liquids and powders
DISPERSANTS
non-ionic and anionic liquids and powders
DYEING ASSISTANTS
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WETTING AGENTS
non-ionic and anionic liquids and powders
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DETERGENT D-40 {Flakes Granules Powder
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Step-up cleaning results with these extra values:
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• Uniform cleaning
• Strength maintained at high activity
• Soluble silica content resists corrosiveness
• Soluble silica prevents dirt re-deposition
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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

AFCO BRAND

INDUSTRIAL and DOMESTIC

DETERGENTS and SANITIZERS

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Cleaner-Sanitizers

Dishwashing Compounds

AFCO 44 for Automatic Washers

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Branch Warehouse, Allentown, Pa.
Phone Allentown 7780

Established 1855

DETERGENT, EMULSIFIER, WETTING and DISPERSING AGENT

An exceptionally effective, versatile, dependable and economical non-ionic detergent,

NEUTRONYX 600

has an extremely wide range of uses, is completely compatible with acids, alkalies, hard water and both cationic and anionic agents.

NEUTRONYX 600

has proven its superior effectiveness and economy. *Write for complete data.*

ONYX
OIL & CHEMICAL COMPANY
JERSEY CITY 2, N. J.
Chicago • Boston • Charlotte • Atlanta
WEST COAST: E. S. Browning Co., San Francisco, Los Angeles
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CERFAK

SYNTHETIC DETERGENTS

Basic organic research in Houghton laboratories has resulted in exclusive chemical formulations in the field of surface active agents. Among them are the group of Cerfak products with exceptional scouring, cleansing and wetting properties.

Write for general folder on Houghton Surface Active Agents and bulletin on surface active agents for metal cleaning.

E. F. HOUGHTON & CO.
PHILADELPHIA · CHICAGO · DETROIT · SAN FRANCISCO

Ready to give you on-the-job service . . .

MONSANTO STEROXES

NONIONIC DETERGENTS AND WETTING AGENTS

Sterox SE, Sterox SK—100%-active liquid detergents and wetting agents offering high sudsing and controlled dusting.

Sterox 5, Sterox 6—Like Sterox SE and Sterox SK, respectively, except 85% active.

Sterox CD—100%-active, liquid detergent, wetting agent and emulsifier which controls sudsing and dusting.

Sterox AJ—Synthetic detergents useful in formulating household and industrial cleaning compounds of high efficiency and pleasant odor. Excellent rewetting agents for textiles and paper, 85% active.

Write for complete details.

MONSANTO CHEMICAL COMPANY
Phosphate Division, St. Louis 4, Missouri
Sterox: Reg. U. S. Pat. Off.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO CHEMICALS—PLASTICS

DETERGENTS, continued

•Van Dyk & Co, Main & William Sts, Belleville 9, N J
•Verona Chem Co, 26 Verona Ave, Newark 4, N J
•Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
•Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
•Westvaco Chem Div, 161 E 42 St, N Y 17
•Jacques Wolf & Co, Passaic, N J
•Wyandotte Chem Corp, Wyandotte, Mich

DETERGENTS, HOUSEHOLD

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
•Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
•An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
•Antara Chem Div, 435 Hudson St, N Y 14
•Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
•Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
•Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
•Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
•Bram Chem Co, 820 65 Ave, Phila 26, Pa
•Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
•Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
•Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Duff Chem Co, 342 Madison Ave, N Y 17
•B R Elk & Co, 193 Palisade Ave, Garfield, N J
•Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
•Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
•Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
•Fiber Chem Corp, P O Box 218, Matawan, N J
•Flash Chem Co, 160 2 St, Cambridge, Mass
•Gallowhur Chem Corp, 801 2 Ave, N Y 17
•Hill Bros Chem Co, 1525 S 28 St, San Diego 13, Cal
•Huntington Labs, E Tipton St, Huntington, Ind
•Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
•Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
•Klem Chem, 14401 Lanson, Dearborn, Mich
•Legrand Chem Corp, 103 50 St, Bkyn 32, N Y
•London Chem Co, 325 W 32 St, Chicago 16, Ill
•Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
•George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
•National Aniline Div, 40 Rector St, N Y 6
•Oakite Products, 19 Rector St, N Y 6
•Oronite Chem Co, 38 Sansome St, San Francisco, Cal
•Pennsylvania Deterqents Co, 2238 N Philip St, Phila 33, Pa
•Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
•Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
•Science Industries, 1509 N Broadway, St Louis 6, Mo
•Spick Products Co, Athens, N Y
•Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
•Ultra Chem Works, 2 Wood St, Paterson, N J
•Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
•Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

DETERGENTS, NON IONIC

S L Abbot Co, 800 Sante Fe Ave, Los Angeles 21, Cal
•An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
•Antara Chem Div, 435 Hudson St, N Y 14
•Apex Chem Co, 225 W 34 St, N Y 1
•Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
•Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
•Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
•Atlas Powder Co, Wilmington 99, Del
•Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
•Bram Chem Co, 820 65 Ave, Phila 26, Pa
•Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
•Dexter Chem Corp, 819 Edgewater Rd, N Y 59
•E F Drew & Co, 416 Division St, Boonton, N J
•E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
•Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
•B R Elk & Co, 193 Palisade Ave, Garfield, N J
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Emulsol Corp, 59 E Madison St, Chicago 3, Ill
•Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
•Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
•Fiber Chem Corp, P O Box 218, Matawan, N J
•Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
•Glyco Products Co, 26 Court St, Bklyn 1, N Y
•Griffin Chem Co, 1000 16 St, San Francisco, Cal
•C P Hall Co, 2510 First National Tower, Akron 8, Ohio
•Hercules Powder Co, 978 Market St, Wilmington 99, Del
•Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
•Jefferson Chem Co, 260 Madison Ave, N Y 16
•N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa

•Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pennsylvania Detergents Co, 2238 N Phillip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DETERGENTS, SYNTHETIC

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Alrose Chem Co, Box 1294 Providence 1, R I
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I

sulframin*

SYNTHETIC DETERGENTS

Sulframin* AB-40 Flakes and Powder

Sulframin* AB-Concentrate Flakes and Powder

Sulframin* L Liquid

Sulframin* E Liquid

Sulframin* HD Beads

Sulframin* AB-40 Beads

Sulframin* AB Slurry

ULTRA CHEMICAL WORKS, INC.

Paterson, N. J.

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ULTRA Chemical WORKS

*TRADEMARK REG. U. S. PAT. OFF.

HIGH ACTIVE SYNTHETIC DETERGENTS

UDET

Highest formulating flexibility. Basically different alkyl aryl sodium sulfonates for...

PEAK PERFORMANCE Low Price & Use Cost

90-95% granular powder
50% free-flowing liquid

UNIVERSAL DETERGENTS, INC.

P.O. Box 4091
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Long Beach, Calif.

U D E T

RENEX®

NON-IONIC DETERGENTS

for compounding...

... laundering compounds for all automatic equipment.
... machine dishwashing compounds.
... home and industrial cleaning compounds.

for textile processing

Scouring cotton and rayon.
Kier boiling. Soaping off.
Dye leveling.

for soap economy and improvement

Step up soap detergency 40-55% in hard water.

INDUSTRIAL CHEMICALS DEPARTMENT

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WILMINGTON 99, DELAWARE

offices in principal cities

ATLAS POWDER COMPANY CANADA, LTD.
BRANTFORD, CANADA

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SYNTHETIC DETERGENTS

KREELON CD... *promoted detergent with over 40% active agents*

KREELON 4D and 4G... *40% minimum active agent*

KREELON 8D and 8G... *85% active agent*

Kreelon* is an efficient synthetic detergent and wetting agent. It *penetrates, spreads, emulsifies, disperses and cleans as it wets.* Its great value lies in its ability to function well in acid, alkaline or neutral solutions, and in hard or soft waters — either alone or in solutions and dry mixes with a great number of other chemicals.

*Reg. U. S. Pat. Off.

Write for literature describing the properties and suggested uses of Wyandotte Kreelon. Samples available.

Wyandotte
REG. U. S. PAT. OFF.

WYANDOTTE CHEMICALS CORPORATION

WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride • Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives • DDT • BHC Other Organic and Inorganic Chemicals

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

NINOL

SYNTHETIC DETERGENTS

•

EMULSIFYING AGENTS

•

DISPERSING AGENTS

•

Detergents available for acid or alkaline mixtures, liquids, solids, and all types of products requiring a high degree of detergent action. Our laboratory is prepared to render complete technical assistance.

•

NINOL LABORATORIES

1719 S. Clinton St. Chicago 16, Ill.

PERMA-TERGE®

Detergents for all scouring and cleaning operations. Anionic, Nonionic and Cationic types.

PERMA-KLEER®

Superior Sequestering Agents
More stable than EDTA
More versatile than EDTA
More efficient than EDTA

PERMALENES®

Wetting and Dispersing Agents
Emulsifiers for all purposes

PERMACIDES®

Fungicides Bacteriocides and Algaecides

Refined

PRODUCTS CORPORATION LYNDHURST, NEW JERSEY

MONSANTO

SANTOMERSE No. 1

ALL-PURPOSE DETERGENT AND WETTING AGENT

A synthetic detergent with a minimum of 40% active alkyl aryl sulfonate, the remainder being principally inorganic builders. Widely used in textile industry for scouring and penetration . . . in other industrial processes as cleaner, emulsifier and wetting agent . . . in compounding household, industrial and dairy cleaners. Write for booklet. SANTOMERSE 80—Like Santomerse No. 1 except having 80% active alkyl aryl sulfonate.

MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Missouri
Santomerse: Reg. U. S. Pat. Off.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

SYNTHETIC DETERGENTS
for

TEXTILES • LAUNDERING • METAL CLEANING • PAPER • COSMETICS
INSECTICIDES • DISH AND GLASS WASHING • MANUFACTURING
PROCESSING • MAINTENANCE

COLGATE-PALMOLIVE CO.
INDUSTRIAL DEPT., JERSEY CITY 2, N. J.

Atlanta 5, Ga. • Chicago 11, Ill. • Kansas City 5, Kans. • Berkeley 10, Calif.

FREE! New 1954 Handy Soap Buying Guide. Tells you the right soap for every purpose. Write our Industrial Department.

DETERGENTS, SYNTHETIC, continued

*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Frank J Breen, 5329-31 S Woodlawn Ave, Chicago 15, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Continental Chem Co, 195 21 Ave, Paterson, N J
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Duff Chem Co, 342 Madison Ave, N Y 17
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Huntington Labs, E Tipton St, Huntington, Ind
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
Riches-Nelson, 342 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Spick Products Co, Athens, N Y
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
Tobey Chem Co, 1472 Broadway, N Y 36
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Victor Chem Works,141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DETERGENTS, TEXTILE

Specially formulated compounds prepared for cleansing textiles. Each type of textile fibre presents its own special problem. Textiles are washed at various stage of mfr. In recent years advances have been made in studying the peculiar requirements at each stage and in the accurate control of pH values, etc. Scientifically prepared products help to preserve tensile strength, provide better resistance to abrasive action, give whiter colors, assist in penetration of dyes, more level shades, etc.

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Alrose Chem Co, Box 1294, Providence 1, R I
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
C B Coburn Co, 63 Market St, Lowell, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia-Scuthern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
Edward Mendell Co, 24 W 45 St, N Y 19
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip Sts, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Sharples Chem Co, 123 S Broad St, Phila 9, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DEVELOPERS, DYEING

Products employed with certain types of dyes to bring out the color, assist in fixing the color in the cloth, etc., and to improve the fastness.

*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Edwal Labs, Ringwood, Ill
*General Dyestuff Corp, Antara Chem Div, 435 Hudson St, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Pfister Chem Works, Ridgefield, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

DEVELOPERS, PHOTOGRAPHIC

Reducing agents used to make the image visible on the plate, film or paper, usually by the formation of black metallic silver.

*Bell Chem Co, 25 W 44 St, N Y 36
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Philip A Hunt Co, Palisades Park, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
*L B Russell Chem, 60 Orange St, Bloomfield, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
George J Wiesner Co, 150 Nassau St, N Y 38
*Zinsser & Co, Hastings-on-Hudson, N Y

DEXTRIN (Amylin, British Gum, Starch Gum, Vegetable Gum, Gommeline, Gumeline, Synthetic Gum, Leiocom, Saga Dextrin, Tapioca Dextrin

Yellow or white solid amorp. Sol. water; insol. alcohol, ether. Uses—mfr. beer, pyrotechnics, matches, food and baked products, confectionery, liquid and cold water glues, pastes, adhesives, distilled liquors, dyeing, bleaching and finishing preps.; polishing rice, cereal grains and coffee; decorating porcelains and potteries; silvering mirrors; substitute for gums; in printing and lithographing inks; as thickener in tanning extracts, shoemaker's paste, paper glaze and size, color paste in wall paper and mordants; engraving, textile size; dressing and finishing agent; stiffening agent; felts, etc.; in medicine.
● Pkg—100, 140 lb. bags.

*Arabol Mfg Co, 110 E 42 St, N Y 17
J M Baird Co. 254 W 31 St, N Y 1

DETERGENT ALKYLATE

(Dodecylbenzene)

Primary source for
Synthetic Detergents
(alkyl-aryl sulfonate type)

INDOIL CHEMICAL COMPANY

INDOIL® CHEMICAL PRODUCTS

910 S. Michigan Avenue, Chicago 80, Illinois

TEXTILE DETERGENTS

PYROTEX
Neutral synthetic detergent for scouring and dyeing.

DETERSOL
For boil-off and scouring

STANDAPON 95
Non-ionic type for wetting, scouring and dyeing.

SAMPLES AND DEMONSTRATION ON REQUEST

REG. U. S. PAT. OFF.

STANDARD CHEMICAL PRODUCTS, INC.
1301 JEFFERSON STREET
HOBOKEN, NEW JERSEY

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Morningstar
ESTABLISHED 1851

DEXTRINES

Tapioca • Potato • Corn • White, Yellow, Soluble • Grades available for all industrial uses, including: Adhesives • Sizings • Envelope Gums • Flat Gumming • Gum Tape • Textile Sizing • Paper Converting • Food Grades also available. Write us regarding your requirements.

MORNINGSTAR, NICOL INC.
630 WEST 51ST STREET, NEW YORK 19
1770 CANALPORT AVE., CHICAGO 16

SCIENTIFIC STARCH, DEXTRINE AND NATURAL GUM SERVICE

DEXTRIN, continued

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Hammill & Gillespie, 225 Broadway, N Y 7
Hummel Chem Co, 90 West St, N Y 6
*Merck & Co, Rahway, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J

DEXTRIN, CORN

*American Maize Products Co, 100 E 42 St, N Y
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Clinton Foods, Clinton, Iowa
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Hummel Chem Co, 90 West St, N Y 6
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Scher Bros, 519 Getty Ave, Clifton, N J

DEXTRIN, POTATO

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Hummel Chem Co, 90 West St, N Y 6
Mercer Chem Corp, 11 Mercer St, N Y 13
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Riches-Nelson, 342 Madison Ave, N Y 17

DEXTRIN, TAPIOCA

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Hummel Chem Co, 90 West St, N Y 6
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

DEXTROSE C. P. and U. S .P.
DIGITOXIN U. S. P. XIV
NIKETHAMIDE U. S .P. XIV
RUTIN N. F. IX

Conray PRODUCTS COMPANY
200 W. 34th ST. NEW YORK 1, N. Y.
BRyant 9-5685

Fine Chemicals — BPC

Diacetyl

BENZOL PRODUCTS CO.
237 SOUTH STREET NEWARK 5, N. J.

DEXTROSE see Corn Sugar

DEXTROSE, ANHYDROUS (d-Glucose)

Av. analyses, dextrose 99.8%, moisture 0.2%. Uses—mfr. confectionery, carbonated beverages, bakery products, ice cream powd., pudding powd., gelatin desserts.

J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
O J Weeks Co, 44 N Moore St, N Y 13

DEXTROSE, HYDRATE

Av. analyses, dextrose 91.55%, other sugars 0.40%; mineral substance 0.05%; moisture 8.00%. Uses—food, brewing, pharmaceutical, explosive industries.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Clinton Foods, Clinton, Iowa
Conray Products Co, 510 Ave of the Americas, N Y 11
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
O J Weeks Co, 44 N Moore St, N Y 13

DIACETIC ESTER see Ethyl Acetoacetate

N,N-DIACETOACETYL ETHYLENEDIAMINE

*Bios Labs, 17 W 60 St, N Y 23

DIACETONE see Alcohol, Diacetone

DIACETYL (Butandione, Biacetyl)

$CH_3CO\text{-}CO\text{-}CH_3$. Yellow liq. Sp. gr. 0.997 (15°C.). B.P. 86-90°C. M.P. —5 to —4°C. Sol. in water, 74 gr. in 100 gr. of water at 28°C. Uses—is carrier of the aroma of butter, vinegar, coffee, honey, etc. Grades—one grade, 96% or over diacetyl.

● Pkg—Bottles, 5, 25, 50 lb. carboys, 400 lb. drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DIACETYL-DIOXIME see Dimethyl Glyoxime

DIACETYL MONOXIME

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

DIALKYL PHOSPHATES

R_2HPO_4. Exemplified by diamyl hydrogen phosphate, and mixed esters such as octyl amyl hydrogen phosphate and butyl amyl hydrogen phosphate, these compounds are liq. which are sparingly sol. in water, and sol. in alcohol and vegetable oils. With increasing molecular wt., they become sol. in petroleum oils.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

DIALLYL ADIPATE

● Pkg—Custom Packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

J M Baird Co, 254 W 31 St, N Y 1
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIALLYL BENZENE PHOSPHONATE

Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

DIALLYL CYANAMIDE

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20

DIALLYL ESTERS

*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIALLYL FUMERATE

● Pkg—Custom packed.
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

DIALLYL MALEATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIALLYL OXALATE

● Pkg—Custom Packed.
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

DIALLYL PHTHALATE

$C_6H_4(CO_2CH_2CH:CT_2)_2$. M.W. 246. Mild, sl. lachrymatory odor. Uses—in mfr. of low pressure laminates and castings.
● Pkg—1, 5, 55 gal. drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex, Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIALLYL SEBACATE

● Pkg—Bottles, 5, 55 gal. drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIALLYL SUCCINATE

$(CH_2COOC_3H_5)_2$. M.W. 198.21. Colorless, oily liq.; mild odor. Insol. water; sol. benzene, alcohol, ether, etc. Uses—plasticizer.
● Pkg—Custom packed.
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

DIALLYL SULFIDE

$(C_3H_5)_2S$. M.W. 114.17. A colorless or sl. yellowish liq. B.P. 138°. Sl. sol. water, miscible alcohol, ether. Constituent of garlic, and used hypodermically in tuberculosis and cholera.
● Pkg—Bottles.
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Edwal Labs, Ringwood, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DIALOZITE see Manganese Carbonate

DIAMALT see Diastase

DIAMANTINE

*Linick Chem Co, 59 E Madison St, Chicago 3, Ill

DIAMIDE HYDRATE see Hydrazine Hydrate

DIAMIDODIETHYLDIPHENYL see Tolidine

DIAMIDOPHENOL see Diaminophenol Hydrochloride

DIAMINE SULFATE see Hydrazine Sulfate

m-DIAMINOANISOLE

$OCH_3C_6H_3(NH_2)_2$. M.W. 138. Fused mass, light brown liq. when molten. M.P. 63°C. Uses—intermediate in mfr. of dyestuffs.
● Pkg—55 gal. drums.
J M Baird Co, 254 W 31 St, N Y 1
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-DIAMINODIPHENYL SULFATE see Benzidine Sulfate

DIAMINO DIPHENYL SULFANE

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59

o-DIAMINODITOYL see Tolidine

p-DIAMINODIPHENYL SULFATE see Benzidine Sulfate

DIAMINOPHENOL HYDROCHLORIDE (Amidol, Diamidophenol)

$(NH_2)_2C_6H_3OH.2HCl$ (1,2,4). M.W. 197.01. White or grayish-white cryst. Slightly sol. alcohol; easily sol. water. Uses—photo developing; dyeing furs and hair.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

2,6-DIAMINO PYRIDINE

Henley & Co, 801 2 Ave, N Y 17
*Nepera International Corp, 37 Wall St, N Y 5
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

DIAMMONIUM o-PHOSPHATE see Ammonium Phosphate, Di

methacrylic and acrylic

monomers
polymers
co-polymers
to YOUR specifications

. . . we supply
allyl methacrylate
cyclohexyl methacrylate
ethylene dimethacrylate
diethylene glycol dimethacrylate
triethylene glycol dimethacrylate
BCM (polyethylene glycol dimethacrylate)

diallyl
oxalate
maleate
fumarate
adipate
sebacate

Write . . .
WALLACE A. ERICKSON & CO.
844 North Wells Street, Chicago 10, Illinois

DIAMYLAMINE

$(C_5H_{11})_2NH$. M.W. 157.19. Dist. Range 180-205°C. Sp. gr. 0.767 (20°C). Viscosity 0.01264 Poise. Refractive Index 1.4262 (19°C). Sur. Ten. 24.4 Dynes/cm. Sp. Heat at room temp., 0.54 cal./gram. Heat of Vap., 83 cal./gram. Coeff of Exp. 0.00102 (20-60°C). Flash Point, 124°F. Sol. very sl. in water. Uses—reacts with organic acids to make emulsifying compounds; reacts with various sulfur derivatives of use in rubber, mining and steel industries; solvent for oils, resins, several cellulose esters.
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DI-Tert-AMYL DISULFIDE

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

DIAMYL PHENOL

*Sharples Chem, 123 S Broad St, Phila 9, Pa

DI-sec-AMYL PHENOL

$(C_5H_{11})_2C_6H_3OH$. M.W. 235. Light straw color. Sol. most organic solvents. Uses—syntheses of plasticizers, insecticides, textile assistants, pharmaceuticals.
● Pkg—5, 55 gal. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DI-tert-AMYL PHENOL

$(C_5H_{11})_2C_6H_3OH$. M.W. 234.37. Light yellow to brown. B.P. 275-310°C. Uses—intermediate; surface active compounds; resin mfr.; lubricating oil additives and rubber chemicals.
● Pkg—5, 55 gal. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIAMYL PHOSPHATE

$(C_5H_{11})_2HPO_4$. Syrupy liq. B.P. decomp. Sol. water. Uses—as a solvent, plasticizer.
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

DIANHYDRO SORBITOL see Sorbide

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

DIATOMACEOUS EARTH

DICALITE FILTERAIDS — supplied in 12 grades for filtration of virtually any liquid in industrial processing, heavy and viscous or light and volatile. Used with pressure or vacuum filters to give brilliant clarity at fast flowrates. Send for Bulletin B-12 for complete details.

DICALITE MINERAL FILLERS — over 50 grades for filler uses in hundreds of products. They are light in weight, highly absorptive, chemically inert and afford extremely large surface area. More detailed data in Bulletin E-40.

HIGH TEMPERATURE INSULATION — supplied in powder and coarse grade for covering tops or filling wall spaces; calcined aggregate for loose insulation or for making insulating concrete. Send for a copy of Bulletin M-121.

Other products are Concrete Admixtures, Catalyst Carriers, Insecticide Diluents, and Conditioners for chemical fertilizers.

Dependable GREAT LAKES Dicalite DIATOMACEOUS MATERIALS

DICALITE DIVISION
GREAT LAKES CARBON CORP'N
New York 17 • Chicago 1 • Los Angeles 17

DIANISIDINE (Dimethoxybenzidine, Bianisidine)

$C_{14}H_{16}O_2N_2$. 1:3:4. White crystalline needles. M.P. 172°C. Sol. alcohol, ether. Uses—mfr. azo dyes, intermediates. Grades—tech.

*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Carwin Co, Stiles Lane, N Haven, Conn
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Failek Products Co, 163 Broadway, N Y 6
*Geigy Co, 89-91 Barclay St, N Y 8
Republic Chem Corp, 94 Beekman St, N Y 38

DIASPORE see Aluminum Hydroxide

DIASTAFOR see Diastase

DIASTASE (Diastafor, Diastasum, Amylase, Diamalt)

Yellowish white to brownish white, solid, amorp. Natural. Sol. water. Uses—solubilizing size in gray goods before printing; converting starch into sugar; solubilized starch into sugar; solubilized starch glues and adhesives; leavening agent in bread making; in medicine. Grades—dry; liq.; numerous qualities as to use.
●Pkg—25, 50 lb. pails, 150, 220, 350, 400 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Merck & Co, Rahway, N J
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Takamine Lab, 193 Arlington Ave, Clifton, N J
*Wallerstein Co, 180 Madison Ave, N Y 16

DIASTASUM see Diastase

DIATOL see Diethyl Carbonate

DIATOMACEOUS EARTH (Fossil Flour, Infusorial Earth, Kieselguhr, Tripoli Powder, Guhr, Tellurine, Terra Silicea, Tripolite)

White, amorp. powd. Natural. Sp. gr. 0.24-0.34—also more correctly known as diatomaceous silica. Sol. hydrochloric acid. Uses—mfr. dynamites, matches, pyrotechnics and match box striking compositions, metallurgical solutions, shellacs, water glass, silica, disinfectant preparations, sealing wax compositions, roofing materials, composition tile, brick, artificial stones, concretes, curtain cloth, plastics, papier mache, ultramarine, abrasive soaps, ceramics, rubber filler; as catalyst substratum; filler in absorption towers and casein glues; filtering medium in chemical processes; abrasive in metallic polishing compositions; fireproofing agent in safes, cooking stoves, textiles, etc.; heat insulator in pipes, boiler kilns, oil tanks, refrigerators, evaporators, stills, etc.; in filtering, decolorizing and clarifying varnishes, glues, adhesives, soaps, pharmaceutical serums, fruit juices; tanning leather; cleaning and polishing powd. for furniture, tile, porcelain enameled ware, tooth powd., tooth pastes, manicuring powd. and glass ware polishes. Grades—tech.; U.S.P.
●Pkg—50 lb. bags.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
L A Salomon & Bro, 216 Pearl St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

DIATOMACEOUS SILICA

●Pkg—50 lb. bags.

*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Johns-Manville, 22 E 40 St, N Y 16
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

p-DIAZODIETHYLANILINE

*Edwal Labs, Ringwood, Ill
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Industrial Dyestuff Co, P O Box 149, Massasoit Ave, E Providence 14, R I

p-DIAZODIMETHYLANILINE ZINC CHLORIDE (Double Salt)

$(CH_3)_2N\text{-}C_6H_4\text{-}N{=}Cl\cdot ZnCl_2$. M.W. 319.9. Yellow to orange (light sensitive) cryst. Uses—rapid diazotype coupler in coatings for light-sensitive paper.
●Pkg—1, 10 lb. bottles, 25, 50, 100 lb. drums.

*Edwal Labs, Ringwood, Ill
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Industrial Dyestuff Co, P O Box 149, Massasoit Ave, E Providence, R I

DIAZONIUM COMPOUNDS, STABILIZED

*Edwal Labs, Ringwood, Ill

DIBENZYL DISULFIDE

$(S.CH_2C_6H_5)_2$. M.W. 246.4. Fine, white powd. Insol. water; sol. ether, benzene, hot ethanol. Uses—rubber accelerator; intermediate.

*Bios Labs, 17 W 60 St, N Y 23
*Carlisle Chem Works, West St, Reading 15, Ohio
*Edwal Labs, Ringwood, Ill
*Fine Organics, 211 E 19 St, N Y 3

DIBENZYL SEBACATE

$H_7C_7OOC(CH_2)_8COOC_7H_7$. M.W. 382. Light straw colored liq. Uses—plasticizer for vinyl resins and synthetic rubbers.
●Pkg—55 gal. drums.

Binney & Smith Co, 41 E 42 St, N Y 17
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIBROMANILINE

J M Baird Co, 254 W 31 St, N Y 1

p-DIBROMOBENZENE p-Benzene Dibromide, Para

$C_6H_4Br_2$. Colorless cryst. M.P. 86°C. B.P. 219°C. Sol. alcohol, benzene, chloroform, ether; insol. water. Uses—mfr. intermediates, organic chemicals, synth. dyestuffs and drugs. Grades—tech.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

DIANISIDINE

The Carwin Company specializes in the manufacture of quality intermediates.

Other products include:

Anthranilic acid
Benzidine
1,4-Diaminodihydroanthraquinone
Dichlorbenzidine
Hydrazobenzene
Metanilic acid
Phthalimide
Quinizarin
Quinizarin-2-sulfonic acid

THE CARWIN COMPANY
NORTH HAVEN, CONNECTICUT
Phone: Atwater 8-1671

Celite® DIATOMACEOUS EARTH

The Johns-Manville deposit of diatomaceous earth at Lompoc, California is the largest and purest known. It is the source of many Celite Products which have wide application in the chemical and process industries.

CELITE FILTER AIDS

They provide maximum flow rates with required clarity in the filtering of scores of products, from sugar and syrups to drugs and lubricants.

CELITE MINERAL FILLERS

They are used in many industrial processes and provide high absorption, light weight, large surface area, low refractive index and superior suspension.

Johns-Manville JM PRODUCTS
22 EAST 40th STREET NEW YORK 16, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

DIBROMOCHLOROMETHANE

●Pkg—5 gal. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

DIBROMO-o-CRESOL-SULFONPHTHALEIN see Bromcresol Purple

1,10-DIBROMODECANE see Decamethylenedibromide

DIBROMODICHLOROMETHANE

●Pkg—5 gal. carboys.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

DIBROMODICHLORPHENOLSULFONPHTHALEIN see Bromochloro Phenol Blue

DIBROMOETHANE see Ethylene Bromide

o-DIBROMOETHYLBENZENE

●Pkg—Gal. cans, 5, 10, 55 gal. drums.

*Dow Chem Co, Midland, Mich

DIBROMO FLUORESCEIN

$C_{20}H_{10}O_5Br_2$. M.W. 490.11. Sol. hot alcohol, sl. sol. ether.

●Pkg—100, 250 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J

DIBROMOMETHANE see Methylene Bromide

1,2-DIBROMOPROPANE see Propylene Dibromide

1,3-DIBROMOPROPANE see Trimethylene Bromide

DIBROMOTHYMOLSULFONPHTHALEIN see Bromthymol Blue

DIBROMOTYROSINE

●Pkg—Drums.

*Bios Labs, 17 W 60 St, N Y 23
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

DIBUTOXY ETHYL ADIPATE (Bibutyl "Cellosolve" Adipate)

$(C_2H_4COOC_2H_4OC_4H_9)2$. M.W. 346. Light colored oily. liq. Mld. B.P. 209°C. at 4 mm. F.P. —30°C. Uses—primary plasticizer with excellent U-V light stability, low water extraction, low temperature flexibility.

●Pkg—1, 5, 55 gal. drums.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIBUTOXY ETHYL PHTHALATE

$C_6H_4(COOC_2H_4O.C_4H_9)_2$. M.W. 366. B.P. at 4mm. 220-230°C; Sp. gr. at 20°C. 1.063. Lbs. per gal. 8.86. Water-white, neutral ester. Uses—solvent for Vinylite and nitrocellulose; fast to light; good water resistance; plasticizer for molding Vinylite and for permanent flexible nitrocellulose films; solvent for many resins.

●Pkg—1, 5, 55 gal. drums.

*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIBUTOXY ETHYL SEBACATE

$H_{13}OC_4OOC(CH_2)_8COOC_6CH_{13}$. M.W. 402. Water white liq. Uses—plasticizers for vinyl resins and synthetic rubbers

●Pkg—55 gal. drums.

*Deecy Products Co, 120 Potter St, Cambridge 42, Mass

DIBUTOXYTETRAGLYCOL

●Pkg—1 gal cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

n-DIBUTYLAMINE

$(C_4H_9)_2NH$. Water-white liq. B.P. 161°C Sp. gr. at 20°C, 0.765. Partly sol. water, miscible with most organic solvents. Uses—in mfr. rubber vulcanization accelerators, flotation agents, dyestuffs and corrosion inhibitors.

●Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIBUTYL "CARBITOL"

●Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

DIBUTYL "CELLOSOLVE*" PHTHALATE

(*Reg. Trade Mark—Carbide & Carbon Chemicals Co.) $(C_2H_5)_2SO_4$. M.W. 154.14. Colorless liq., peppermint oder.

●Pkg—1, 5, 55 gal. drums.

Henley & Co, 801 2 Ave, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

4,6-Di-tert-BUTYL-m-CRESOL

$C_{15}H_{24}O$. M.W. 220. M.P. 62.5°C. B.P. about 285° C. Light colored, crystalline, semi-solid of mild oder. Insol. in caustic alkali solutions, sl. sol. in water. 4,6-di-tertiary-butyl-m-cresol is used as a plasticizer for surface coatings, synthetic rubber polymers and is of interest as an antiskinning agent for paints.

●Pkg—5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

Di-tert-BUTYL-p-CRESOL

$2,6\text{-}(CH_3)_3\text{-}C_2CH_3C_6H_2OH$. M.W. 208.84. Light-colored crystalline solid. Insol. in alkalies. Uses—antioxidant for hydrocarbon materials, lubricating-oil additives, stabilizer of gasoline for prevention of gum formation, non-staining rubber anti-oxidant, stabilizer for insecticidal preparations.

●Pkg—100 lb. drums.

*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20

DIBUTYL FUMARATE

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

DI BUTYL HYDROGEN PHOSPHITE

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

DI-tert-BUTYL HYDROQUINONE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn

n-DIBUTYL ETHER

$C_4H_9OC_4H_9$. M.W. 130.14. Water-white, chemically stable liq. Mild ethereal oder. Misc. most common organic solvents. Water, dibutyl ether, mutually insol. and immiscible. Good solvent for a wide variety of substances, including ester gum, dammar gum, rosin, vegetable and essential oils, and for acetic, propionic, benzoic, salicylic and stearic acids. Not a solvent for nitrocellulose even in combination with alcohols. Sp. gr. 0.769 to 0.772 at 20°C./20°C. Dist. range, 130°C to 145°C, at least 90% between 138°C and 145°C. Uses—as extractant or precipitant in a variety of purification processes, and as a solvent medium in a variety of chemical syntheses.

●Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIBUTYL MALEATE

$(C_4H_9OOCCH)_2$. M.W. 228.28. Decomp at approx. 280°C. Uses—mfr. of plasticizers, pharmaceuticals, resins.

●Pkg—1 gal. cans, 5, 54 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

Quality Fine Chemicals

Stabilized Diazonium Compounds

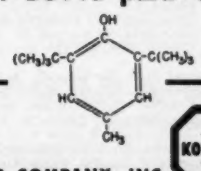
N-alkyl and N-aryl stabilized salts of high purity are used as light-sensitive coatings on diazo-type papers. Try their unusual properties for new reproduction processes and organic syntheses.

The Ringwood Chemical Corporation manufactures organic chemicals of high purity and formulates chemical specialties.

Take advantage of Ringwood facilities for the confidential manufacture of intermediates and specialties for the chemical processing industries.

RINGWOOD CHEMICAL CORPORATION
Makers of Edwal Quality Chemicals
RINGWOOD, ILLINOIS

KOPPERS
Di-tert-BUTYL-para-CRESOL



USES: As an antioxidant for transformer oil; as an antioxidant for waxes, turbine oils, hydraulic oils; as a lubricating oil additive; as a stabilizer of gasoline for the prevention of gum formation; as a non-staining rubber antioxidant; as a stabilizer for insecticidal preparations; as an antioxidant for fats and greases.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Eastman

dibutyl phthalate



Eastman dibutyl phthalate is a clear, colorless liquid with excellent light and heat stability. It is the most widely used plasticizer for cellulose nitrate and is particularly desirable in cellulose nitrate lacquers because of its high dilution ratio with petroleum naphtha. Available in drums, and in compartmented and full tank cars.

Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

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Paradichlorobenzene
Orthodichlorobenzene

√ Monochlorobenzene

√ Barium Carbonate

√ Barium Chloride

√ Barium Sulfide

√ Sodium Sulfide

√ Sodium Sulfhydrate

√ Ammonium Sulfide

(MANUFACTURERS)
CHEMICAL
CPC
PRODUCTS
CORPORATION
CARTERSVILLE • GEORGIA

DI-TERTIARY-BUTYL PEROXIDE

A CATALYST FOR RESIN POLYMERIZATION

SHELL CHEMICAL CORPORATION
CHEMICAL PARTNER OF INDUSTRY AND AGRICULTURE
Eastern Division: 500 Fifth Avenue, New York 36 • Western Division: 100 Bush Street, San Francisco 6
Atlanta • Boston • Chicago • Cleveland • Detroit • Houston • Los Angeles • Newark • St. Louis
In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

DI-tert-BU..L PEROXIDE

● Pkg—Bottles, 1, 5, 15 gal. drums.

*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
*Shell Chem Corp, 50 W 50 St, N Y 20

DIBUTYL PHTHALATE

$C_{16}H_{22}O_4$. Water-white, oily liq. Mixes with all proportions of 60° gasoline without turbidity. Free acid as phthalic, not over 0.05 per cent. Sp. gr. 1.046-1.050. B.P. 340°C. Uses—as plasticizer in plastics and lacquers; lubricating agent; solvent for perfume oils; perfume fixative. Grades—tech.

● Pkg—1, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Phillip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Binney & Smith Co, 41 E 42 St, N Y 17
Browning Chem Corp, 150 Broadway, N Y
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chematar, Inc, 40 Exchange Pl, N Y 5
Clifford Chem Div, 170 Broadway, N Y 38
Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
L J & M La Place, Leliarts Lane, E Paterson, N J
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Mutchler Chem Co, 258-259 Broadway, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
George F Smith, 60 E 42 St, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
United Sterling Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

DIBUTYL SEBACATE

$(CH_2)_8(COOC_4H_9)_2$. M.W. 314.45. Insol. water; odorless, tasteless. Uses—plasticizer; rubber softener.

● Pkg—1, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

DIBUTYL TARTRATE

$CO_2C_4H_9(CHOH)_2CO_2C_4H_9$. M.W. 262.17. Uses—solvent and plasticizer for plastics.

● Pkg—1, 9, 45 lb. tins, 500 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
W W Angus, 220 Broadway, N Y 38
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

DI-CAPRYL ADIPATE

● Pkg—55 gal. drums.

Binney & Smith Co, 41 E 42 St, N Y 17
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5

DI-CAPRYL PHTHALATE

● Pkg—370 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DICETYLAMINE see Di-2-Ethylhexylamine

DICHLOROANILINE (Aminodichlorobenzene, Dichlorophenylamine)

$Cl_2C_6H_3NH_2$. M.W. 191.96. M.P. 39-71.5°C, depending upon structure. B.P. 245-272°C at 759 mm., depending upon structure. Sol. alcohol, ether, very slightly sol. in water; sol. in alcohol and ether. Uses—dye intermediate.

J M Baird Co, 254 W 31 St, N Y 1

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-DICHLOROANILINE

$Cl_2C_6H_3.NH_2$. M.W. 162.02. Rhomic crystals. Sl. sol. in water. sol. in alcohol and ether. Uses—dye intermediate and organic synthesis.
●Pkg—225 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

o-DICHLOROBENZENE

$C_6H_4Cl_2$. M.W. 146.95. Colorless liq. Sp. gr. 1.3254 (0°C). M.P. —17.6°C. B.P. 179°C. Sol. alcohol. Uses—mfr. dyes, intermediates, organic chemicals; as general solvent; solvent for lacquers, varnishes, waxes, ether; removing sulfur from illuminating gas; in fumigating; in preserving paints. Grades—tech.
●Pkg—1, 2, 5, gal. cans, 50, 550, 600, 1000 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Products Corp, Cartersville, Ga
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Solvay Process Div, 61 Broadway, N Y 6
Standard Chem Co, 217 New St, Phila 6, Pa
*Standard Chlorine Chem Co, 115 Jacobus Ave, S Kearny, N J
Sterone Corp, 250 W 57 St, N Y 19
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

p-DICHLOROBENZENE (p-Dichlorobenzol)

$C_6H_4Cl_2$. M.W. 146.95. Colorless cryst., pleasant odor. Sp. gr. 1.458. M.P. 53°C. B.P. 173°C. Vapor pressure 1.5-2 mm. of mercury. Sol. alcohol, benzene, carbon, bisulfide, ether. Uses—mfr. dyestuffs, intermediates, organic chemicals, insecticidal and germicidal compositions; as deodorant; fumigating soil; mothproofing agent. Grades—tech.
●Pkg—25, 50, 100, 200, 275 lb. drums bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Bell Chem Co, 25 W 44 St, N Y 36
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Products Corp, Cartersville, Ga
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*Niagara Alkali Co, 60 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J

MONSANTO
SANTOCHLOR
(PARA-DICHLOROBENZENE)
Characteristics: White crystals; crystallizing point, 52.8° C. min.
Standard Crystal Sizes: No. 1 (nuggets); No. 0 (medium); No. 34 (rice size); Blocking mix; Fines.
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
Santochlor: Reg. U. S. Pat. Off.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO CHEMICALS – PLASTICS

PARADOW®
(Paradichlorobenzene)
DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.
THE DOW CHEMICAL COMPANY
MIDLAND • MICHIGAN
DOW

HOOKER®
PARADICHLOROBENZENE
PARADI®
Seven Crystal Sizes
HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

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for PARADICHLOROBENZENE
Depend upon it... for purity and unvarying high quality, NIALK Paradichlorobenzene is unsurpassed.
NIAGARA ALKALI COMPANY
60 East 42nd Street, New York 17, New York
NIALK® Liquid Chlorine • NIALK Caustic Potash • NIALK Carbonate of Potash
NIALK Caustic Soda • NIALK Paradichlorobenzene • NIALK TRICHLORethylene
NIAGATHAL® (Tetrachloro Phthalic Anhydride)

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

p-DICHLOROBENZENE, continued

*Solvay Process Div, 61 Broadway, N Y 6
Standard Chem Co, 217 New St, Phila 6, Pa
*Standard Chlorine Chem Co, 115 Jacobus Ave, S Kearny, N J
Sterone Corp, 250 W 57 St, N Y 19
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 5, Va
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

DICHLOROBENZENE, MIXED (Benzene Dichloride)

$C_6H_4Cl_2$. M.P. 53°C. B.P. 174°C. Sol, hot absolute alcohol, benzene, chloroform, ether, carbon bisulfide; insol. water. Uses—as insecticide and disinfectant, particularly for moths, roaches, flies, mosquitoes, etc. Grades—tech.

*Dow Chem Co, Midland, Mich
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

SOLVAY

Para-Dichlorobenzene

Ortho-Dichlorobenzene

Write for folder

•

SOLVAY PROCESS DIVISION

Allied Chemical

ALLIED CHEMICAL & DYE CORPORATION
61 Broadway, New York 6, N. Y.

BRANCH SALES OFFICES:
Boston • Charlotte • Chicago • Cincinnati
Cleveland • Detroit • Houston • New Orleans
New York • Philadelphia • Pittsburgh
St. Louis • Syracuse

Soda Ash • Caustic Soda • Calcium Chloride
Chlorine • Potassium Carbonate • Sodium Bicarbonate • Ammonium Bicarbonate
Cleaning Compounds • Ammonium Chloride
Caustic Potash • Sodium Nitrite
Snowflake® Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

3,3-DICHLOROBENZIDINE HYDROCHLORIDE

$(C_6H_3ClNH_2\cdot CHl)$. M.W. of base 253.1. Sol. in hot dil. acid. Uses—intermediate for dyes and pigments.

*Antara Chem Div, 435 Hudson St, N Y 14
*Carwin Co, Stiles Lane, N Haven, Conn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

p-DICHLOROBENZOL see p-Dichlorobenzene

2,4-DICHLOROBENZOTRICHLORIDE

$C_6H_3CCl_3Cl_2$. M.W. 264.6. White crystalline solid. M.P. 45-8°C. Sol. organic solvents; insol. water. Uses—interm. in mfr. of pharmaceuticals, dyes and organics.
● Pkg—125 lb. carboys.
*Heyden Chem Corp, 342 Madison Ave, N Y 17

3,4-DICHLOROBENZOTRICHLORIDE

● Pkg—125 lb. carboys.
*Heyden Chem Corp, 342 Madison Ave, N Y 17

2,4-DICHLOROBENZOYL CHLORIDE

$C_6H_3COCICl_2$. M.W. 209.5. Colorless liq. B.P. 260°C. F.P. 15°C. Sol. most organ. solvents; insol. water; sl. sol. heptane. Uses—interm. in manuf. pharmaceuticals, dyes and other organics.
● Pkg—500 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

3,4-DICHLOROBENZOYL CHLORIDE

$C_6H_3COCICl_2$. M.W. 209.5. Colorless liq. B.P. 270°C. F.P. 20-25°C. Sol. most organ. solvents; insol. water; sl. sol. heptane. Uses—interm. in mfr. pharmaceuticals, dyes and other organics.
● Pkg—500 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17

2,4-DICHLORO BENZYL CHLORIDE

● Pkg—125 lb. carboys, 500 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Seeley & Co, 1 Main St, Nyack, N Y

1,4 DICHLOROBUTANE (Tetramethylene Chloride)

● Pkg—Custom packed.
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DICHLORODIFLUOROMETHANE

CCl_2F_2. Water-white refrigerant. B.P. —21.7°F. Uses—refrigerant in commerical and air conditioning refrigerating apparatus and household refrigerators. Grades—extremely pure.
● Pkg—10, 25, 145, 2000 lb. cylinders.
American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Dow Chem Co, Midland, Mich
*General Chem Div, 40 Rector St, N Y 6
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
O J Weeks Co, 44 N Moore St, N Y 13

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT

DICHLOROETHANE see Ethylene Dichloride

DICHLOROETHYLENE see Ethylene Dichloride

DICHLOROETHYL FORMAL

$CH_2(OCH_2CH_2Cl)_2$. Colorless liq. Sp. gr. 1.2339. at 20°/20°C. B.P. 218.1°C. Uses—intermediate in mfr. of a synthetic "rubber" which is characterized by low hydrocarbon solubility and flexibility at low temperatures; chemical intermediate.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

1,2-DICHLORO-2-FLUOROPROPANE

$CH_3CFClCH_2Cl$. M.W. 131. Colorless liq. B.P. 88.6°C. Insol. water. Uses—synthesis of organic fluorine chemicals.
● Pkg—Bottles.
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

DICHLOROMETHANE see Methylene Chloride

DICHLOROMONOFLUOROMETHANE

● Pkg—10, 25, 150, 200 lb. cylinders.
American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

2,5-DICHLORONITROBENZENE (1-Nitro-2,5-Dichlorbenzene, p-Dichloronitrobenzene)

$Cl_2C_6H_3.NO_2$. M.W. 192. Tawny colored granular material; mild aromatic odor. M.P. 52.5°C. B.P. 260° C. Sol. benzene, chloroform, carbon disulfide, hot alcohol; insol. water. Uses—intermediate, rubber accelerator, disinfectants, fungicides.
● Pkg—425 lb. bbls., drums.
*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-DICHLORONITROBENZENE see 2,5-Dichloronitrobenzene

1,1-DICHLORO-1-NITROETHANE

$CH_3C(NO_2)Cl_2$. M.W. 143.97. Insol. water; sol. organic liq. Uses—anti-gelling agent for rubber cement, solvent for fats and waxes.
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

1,1-DICHLORO-1-NITROPROPANE

$CH_3CH_2C(NO_2)Cl_{22}$. M.W. 157.99. Insol. water; sol. organic liq. Uses—raw material for synthesis, anti-gelling agent in rubber cement; solvent for fats and waxes.
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

DICHLOROPHENOL

$Cl_2C_6H_3.OH$. M.W. 162.95. Needles. M.P. 45°C. B.P. 209-10°C. Very sol. ether, alcohol, sl. in water. Uses—as intermediate.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

DICHLORPHENOLSULFONEPHTHALEIN see Chlorophenol, Red

DICHLOROPHENYLAMINE see Dichloroaniline

x-DICHLORO [PHENYL ETHER] see Ether, Dichlorodiphenyl

1,2 DICHLOROPROPANE see Propylene Dichloride

DICHLOROTETRAFLUOROETHANE

● Pkg—10, 25, 150, 2200 lb. cylinders.
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

2,4-DICHLOROTOLUENE

$C_6H_3CH_3Cl_2$. M.W. 161.08. Colorless liq. B.P. 202°C. F.P. —13.0°C. Sol. most organ. solvents; insol. water. Uses—high boil. solvent interm. for organ. synthesis.
● Pkg—100 lb. carboys, 500 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

N-DICHLORO-p-TOLUENESULFONAMIDE see Chloramine T, Di

DICHLORBENZIDINE

The Carwin Company specializes in the manufacture of quality intermediates.

Other products include:

Anthranilic acid
Benzidine
1,4-Diaminodihydroanthraquinone
Dianisidine
Hydrazobenzene
Metanilic acid
Phthalimide
Quinizarin
Quinizarin-2-sulfonic acid

THE CARWIN COMPANY
NORTH HAVEN, CONNECTICUT
Phone: Atwater 8-1671

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

3,4-DICHLOROTOLUENE

$C_6H_3CH_3Cl_2$. M.W. 161.08. Colorless liq. B.P. 213.0°C. F.P. —14.0°C. Sol. most organ. solvents; insol. water. Uses—high boiling solvent, interm. for organ. synthesis.

● Pkg—100 lb. carboys, 500 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

DICYANDIAMID (Dicyandiamine, Dicyanodiamide, Cyanguanidine)

$NH_2C(NH)NHCN$. Grayish-white powd. M.P. 304-5°C. Sol. water, alcohol; sl. sol. ether. Uses—in fertilizers; intermediate in organic synthesis; mfr. rubber chemicals, pharmaceutical and cosmetic specialties. Grades

● Pkg—100 lb. bags.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Chematar Inc, 40 Exchange Pl, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George J Wiesner Co, 150 Nassau St, N Y 38

DICYANDIAMINE see Dicyandiamid

DICYANODIAMIDE, see Dicyandiamid

DICYCLOHEXYLAMINE

Water-white liq. with faint odor resembling cyclohexylamine. B.P. at 760 mm. 255.8°; Crystallizing pt. °C, —0.1; Sp. gr. at 25/25°C, 0.9104; Flash pt. °C, 100; Fire pt. (sustained combustion), °C, 160. Sl. sol. water; sol. in all common organic solvents and miscible with cyclohexylamine. Does not form an azeotropic mixture on distillation with water. A strong base. Uses—organic synthesis; as an insecticide; plasticizer; corrosion inhibitor; mfr. dyes, emulsifying agents, drycleaning soaps, acid gas absorbents.

● Pkg—375 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

DICYCLOHEXYLPHTHALATE

$C_6H_4(CO_2C_6H_{11})_2$. Insol. water, sol. alcohol. M.P. 66°C.

● Pkg—230, 350 lb. drums.

*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Ohio-Apex, Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DICYCLOPENTADIENE

● Pkg—Bulk.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIDYMIUM METAL

Di, an element of the rare earth group. In some cases obtained as a by-product from gas-mantle mfr. The pure product is obtained from the refining of various rare earthen salts. Uses—mfr. of didymium salts which are largely used as antiseptics, disinfectants, germicides.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

DIDYMIUM OXIDE

Di_2O_3. Gray powd. insol. in water or alcohol, sol. in dilute acids.

City Chem Corp, 132 W 22 St, N Y 11
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

DIDYMIUM SALTS

Didymium oxide; reddish-brown powder, the mixed oxides of several rare-earth metals. Insol. in water, Sol. in acids, and sol. in molten glasses. Didymium carbonate; pink powd., insol. in water, sol. in acids. Uses—correcting the color of glass and tinting vitreous enamels and ceramic glazes and formation of ceramic bodies with particular properties.

● Pkg—Bulk.

City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

DIELDRIN

Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J M Baird Co, 254 W 31 St, N Y 1
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn 15, N Y
Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
Duff Chem Co, 342 Madison Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
Shell Chem Corp, 50 W 50 St, N Y 20
Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

DIELECTRIC COMPOUNDS, SILICONE

*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

DIELECTRIC FLUIDS

Preps. used as insulating, cooling, and impregnating mediums in electrical equipment. Mineral oil is widely used, and comparatively new are the chlorinated derivatives of the aromatic hydrocarbons. See also Diphenyl.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Dow Corning Corp, Midland, Mich
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal

DIELECTRIC FLUIDS, SILICONE

*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

DIELECTRICS, SILICONE

*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

DIETHANOLAMINE

$(CH_2CH_2OH)_2NH$. M.W. 105.09. Straw colored liq. Sp. gr. 1.090-1.000 (20/20°C). Wt. per gal., 9.141 lbs. (20°C). B.P. 268°C. M.P. 28°C. .01 N. solution has a pH of 8.888. Entirely sol. water; miscible most organic solvents. Uses—absorbent for acid gases; softening and moistening agent; synthesis organic compound by esterification of the hydroxy groups of diethanolamine or by its condensation with aldehydes. Grades—tech.

● Pkg—1 gal. cans, 5, 10, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
Cole Labs, 42-25 9 St, L I C 1, N Y
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Harwick Standard Chem Co, 60 S Selberling St, Akron, Ohio
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Legion Chem, 70 Wall St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

2,5-DIETHOXY ANILINE (Amino Hydroquinone Diethyl Ether)

● Pkg—30 lb. cans, 30 gal. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn

DIETHOXY ETHYL PHTHALATE

$C_6H_4(COOC_2H_4O.C_2H_5)_2$. M.W. 310. B.P. at 4 mm. 204-214°C. Sp. gr. at 200°C 1.120. Lbs. per gal. 9.33. Water-white ester, freezes at 30°C. Uses—plasticizer for nitrocellulose and Vinylite; good resistance to heat, light and moisture. Neutral, odorless, waxy solid with excellent plasticizing properties.

● Pkg—1, 5, 55 gal. drums.

International Selling Corp, 122 E 42 St, N Y 17
*Ohio-Apex, Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIETHYL ACETAL

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

SILICONE DIELECTRICS

COATING AND IMPREGNATING VARNISHES developed during the past year increase still further the usefulness of Silicone (Class H) insulation with its 100°C temperature advantage over the best class of insulation previously known. Dow Corning 935 and 994 are used to coat glass cloth and sleeving and to bond mica-glass combinations. Dow Corning 997 impregnating varnish has greatly improved dielectric properties and reduces processing time for Class H equipment by 50 to 75%.

Dow Corning 4 Compound is a waterproof, non-melting insulating paste for sealing ignition and electrical control systems; and for sealing disconnect junctions in radio, radar and other high frequency equipment. Dow Corning 4 Compound meets Specification AN-C-128a.

Dow Corning 200 Fluids are generally superior to other liquid dielectrics and are relatively unaffected by frequency or temperature changes. Semi-vulcanized Silastic* R Tape is applied to coils and cables and then cured to form a void-free, moisture-proof and oil-resistant jacket with good dielectric properties and high thermal conductivity, Silastic insulated wire and cable, exceptionally resistant to corona and to both mechanical and electrical fatigue, is an excellent lead wire for electric ovens, furnaces and motors, and for power plant wiring and high voltage ignition and neon sign cable.

*T.M. for Dow Corning Silicone Rubber, Reg. U.S. Pat. Off.

DOW CORNING SILICONES

DOW CORNING CORP.
MIDLAND, MICHIGAN

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

ETHYLENE OXIDE
ETHYLENE GLYCOL
ETHYLENE DICHLORIDE
DIETHYLENE GLYCOL
MONOETHANOLAMINE
DIETHANOLAMINE
TRIETHANOLAMINE
NONYL PHENOL
MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
POLYETHYLENE GLYCOLS

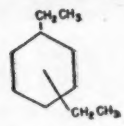
Branch Sales Offices: 180 West Washington St., Chicago 2, Ill.; 318 Melrose Bldg., Houston, Texas
Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas

For Technical data see our Catalog pages

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

KOPPERS
DIETHYLBENZENE



● A clear, almost water-white liquid. Its chemical reactivity is similar to that of ethylbenzene. Used for the production of divinylbenzene, as an organic intermediate and as a high-boiling aromatic solvent.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

DIETHYL AMINE

$(C_2H_5)_2NH$. Colorless, inflam., liq. Sp. gr. 0.710. B.P. 56°C. Sol. water, alcohol. Uses—mfr. intermediate chemicals, dyes, etc. Grades—tech.
● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIETHYLAMINE ETHYL CHLORIDE HYDROCHLORIDE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

KAY-FRIES
diethyl malonate
diethyl ethoxy methylene-malonate
American-British Chemical Supplies, Inc.
Selling Agents For
KAY-FRIES CHEMICALS, INC.
180 MADISON AVENUE
NEW YORK 16, N. Y.
MUrray Hill 6-0661

DIETHYLAMINE SALICYLATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

DIETHYL AMINO ETHANOL

$(CH_3CH_2)_2N.CH_2CH_2OH$. A colorless liq. with amine-like odor. B.P. 160°C. Sp. gr. at 20/4°C of 0.884. Sol. water, slightly hygroscopic. Av. weight, 7.37 lbs. per gal. at 20°C. Uses—synthesis of novocaine.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Sharples Chem, 123 S Broad St, Phila 9, Pa

1 (DIETHYLAMINO) PROPANOL-2

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

B-DIETHYLAMINOPROPIONITRILE

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20

DIETHYL ANILINE

$(C_2H_5)_2N.C_6H_5$. M.W. 149.13. Colorless cryst. Alpha. Sp. gr. 0.934. M.P. —34.5°C. B.P. 216.3°C. Sol. alcohol, ether, chloroform; insol. water. Uses—mfr. intermediates, dyes, organic chemicals, pharmaceuticals. Grades—technically pure.
● Pkg—800 lb. drums.

*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*National Aniline Div, 40 Rector St, N Y 6

DIETHYLANILINES see Xylidines (Mixed)

DIETHYL BENZENE

$C_6H_4(C_2H_5)_2$. B.P. range 179.8-184.8°C at 760 mm.; sp. gr. 0.0865 at 25/25°C; dielectric constant 2.22; flash pt. 56°C; fire pt. 63°C. Uses—solvent, low boiling transfer medium, intermediate. Grades—tech.
● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex
*Wyandotte Chem Corp, Wyandotte, Mich

N, n-DIETHYL BENZENE SULFONAMIDE

*Wyandotte Chem Corp, Wyandotte, Mich

DIETHYL "CARBITOL"

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIETHYL CARBONATE (Diatol, Ethyl Carbonate)

$C_2H_5CO_3C_2H_5$. M.W. 118.08. Colorless liq., pleasant odor. Sp. gr. 0.9870. M.P. —43.0°C. B.P. 125.8°C. Sol. alcohol, ether. Uses—solvent nitrocellulose and lacquers. Grades—tech.
● Pkg—1, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Elberta Chem Co, Ransomville, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

DIETHYLDICHLOROSILANE

● Pkg—Bottles, 85 lb. drums.

*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

DIETHYL ETHANOLAMINE

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIETHYL ETHOXYMETHYLENE MALONATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

N,N-DIETHYL ETHYLENE DIAMINE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

DIETHYL FUMARATE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DI-2-ETHYLHEXYL ADIPATE

$[C_2H_4COOCH_2CH(C_2H_5)C_4H_9]_2$. M.W. 370. Light colored oily liq. Mid. B.P. at 4 mm 213°C., F.P. —70°C. Uses—primary plasticizer, imparts permanent flexibil., U-V light stability, low temp. flex. low water extraction.
● Pkg—1, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
Eastman Chem Products, Kingsport, Tenn
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Witco Chem Co, 260 Madison Ave, N Y 16

DIETHYLHEXYLAMINE

DI-2-ETHYLHEXYLAMINE (Dicetylamine)

$[C_4H_9CH(C_2H_5)CH_2]_2NH$.
● Pkg—1 gal. cans, 5, 55 gal drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

DIETHYLHEXYLETHANOLAMINE DI (2-Ethylhexy) Ethanolamine

$(C_4H_9CH(C_2H_5)CH_2)_2NC_2H_4OH$. M.W. 286.33. Insol. water. Uses—chemical intermediate.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

DI-2-ETHYLHEXYL HYDROGEN PHOSPHITE

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

DI (2-ETHYLHEXYL) MALEATE

● Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DI-2-ETHYLHEXYL PHTHALATE

● Pkg—1, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Eastman Chem Products, Kingsport, Tenn
Lack Chem Co, 19 Park Pl, N Y 7
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

DI (2-ETHYLHEXYL) SUCCINATE

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DIETHYL KETONE (Metacetone, Ethyl Propionyl, Propione, 3-Pentanone)

$C_2H_5COC_2H_5$. Colorless, mobile liq., acetone-like odor. Sp. gr. 0.814. B.P. 101°C. Sol. alcohol, ether, water. Uses—mfr. organic chemicals, intermediates; in medicine. Grades—tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIETHYL MALEATE

$(CHCOOC_2H_5)_2$. Water-white liq., mild pleasant odor. B.P. 225°C.; sp. gr. 1.0658 at 25/25°C. Uses—solvent for nitrocellulose and in conjunction with 10-30% alcohol is a solvent for cellulose acetate.

● Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DIETHYL MALONATE

$CH_2(COOC_2H_5)_2$. M.W. 160.09. Colorless liq. Sl. aromatic, pleasant odor. Sp. gr. 1.055. B.P. 198-199°. M.P. —50°. Use—Mfr. of barbiturates.

● Pkg—5, 10, 55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Variacoid Chem Co, 116 Broad St, N Y 4

N, N-DIETHYL NICOTINAMIDE see Nikethamide

O, O-DIETHYL-o-p-NITROPHENYL THIOPHOSPHATE see Parathion

DIETHYL p-NITROPHENYL THIONOPHOSPHATE see Parathion

DIETHYL OXALATE

● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

DIETHYL PHTHALATE

$C_6H_4(COOC_2H_5)_2$. Colorless, almost odorless, oily liq., bitter taste. Sp. gr. 1.136 (15°C). B.P. 296.1° C. Sol. alcohol, ether, petroleum ether, organic solvents. Uses—solvent and fixative for perfumes; ingredient of perfumes; substitute for camphor in celluloid; solvent for cellulose acetate; oiling textile fabrics. Grades—pure; tech. (wide variation in quality).

● Pkg—1, 5, 55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
C P Chemr Solvents, 60 Park Pl, Newark 2, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

2,2-DIETHYL 1,3-PROPANEDIOL

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

DIETHYL SEBACATE

$(CH_2)_8CO_2C_2H_5)_2$. M.W. 258.20. Colorless to yellowish liq. B.P. about 307°C with some decomp. Fairly sol. boil. water, miscible alcohol, ether.

● Pkg—Bottles.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

DIETHYL STILBESTROL (Stilboestrol)

$C_{18}H_{20}O_2$. M.W. 268.16. White cryst. M.P. 169-171°C. Insol. water; sol. alcohol, most org. solvents. Uses—has the physiological action of estrone, but several times as potent.

● Pkg—Custom packed.

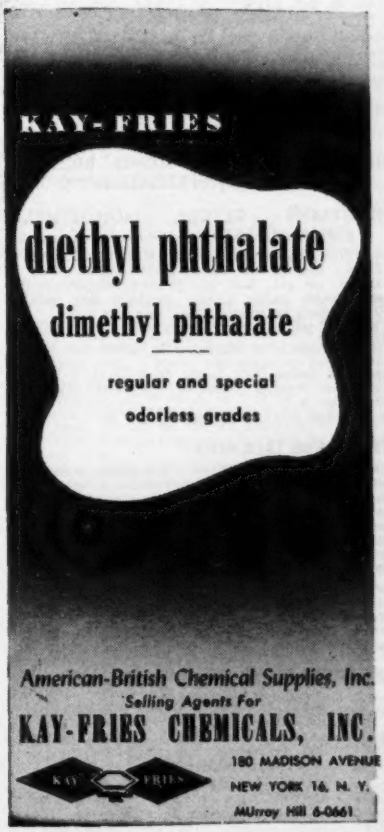
American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Failek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tuteur Bio-Chem, 52 Wall St, N Y 5

DIETHYL SUCCINATE

$C_2H_5O.CO.CH_2CH_2CO.OC_2H_5$. M.W. 174.11. Colorless, clear liq., faint, pleasant odor. B.P. 217-218° C. M.P. —21°C. Insol. water, miscible alcohol, ether.

● Pkg—Custom packed.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Seeley & Co, 1 Main St, Nyack, N Y



DIETHYL SULFATE (Ethyl Sulfate)

$(C_2H_5)_2SO_4$. M.W. 154.14. Colorless liq., peppermint odor. Sp. gr. 1.172. B.P. 208°C. M.P. —26° C. Sol. alcohol, ether; insol. water. Uses—mfr. organic chemicals, intermediates. Grades—tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

1,3-DIETHYL THIOUREA

$CS(NHC_2H_5)_2$. M.W. 132.22. Buff color; faint odor. Uses—pickling with sulfuric acid, hydrochloric acid; reducing corrosion of ferrous metals and aluminum alloys in brine.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIETHYLENEDIAMINE see Piperazine

DIETHYLENE DIOXIDE see Dioxane

DIETHYLENE GLYCOL

$OHCH_2CH_2O.CH_2CH_2OH$. Colorless, hygroscopic liq. Sp. gr. 1.1185. B.P. 244.5°C. Sol. alcohol, water, ether. Uses—mfr. diethyleneglycol dinitrate, glues, composition cork, parchment paper; in textile printing; as solvent for gums, resins, explosives, cellulose ester lacquers and plastics; etc. Grades—tech.

● 1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich

NITROGEN DIVISION ALLIED CHEMICAL

Diethylene Glycol

Other Nitrogen Division Products

Ethylene Glycol
Ethylene Oxide
Ammonia Liquor
Ammonium Nitrate Solutions
Ammonium Sulphate
Anhydrous Ammonia
Formaldehyde
Methanol
Nitrogen Solutions
Nitrogen Tetroxide
Sodium Nitrate
U.F. Concentrate-85
Urea

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N.Y.

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

ETHYLENE OXIDE
ETHYLENE GLYCOL
ETHYLENE DICHLORIDE
DIETHYLENE GLYCOL
MONOETHANOLAMINE
DIETHANOLAMINE
TRIETHANOLAMINE
NONYL PHENOL
MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
POLYETHYLENE GLYCOLS

Branch Sales Offices: 180 West Washington St., Chicago 2, Ill.; 318 Melrose Bldg., Houston, Texas
Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas

For Technical data see our Catalog pages

See Our Catalog Ad

DIETHYLENE GLYCOL

Highest quality with minimal taste and odor. Available — tank cars, compartmented cars, barges, tanktrucks and drums from convenient local stocks. Also Ethylene and Triethylene Glycols.

For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON
MATHIESON CHEMICAL CORPORATION
Mathieson Hydrocarbon Chemicals Division
Baltimore 3, Maryland

DIETHYLENE GLYCOL, continued

Fallek Products Co, 163 Broadway, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
International Sellinc Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Mutchler Chem Co, 258-259 Broadway, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
George Uhe Co, 76 9 Ave, N Y 11
*Wyandotte Chem Corp, Wyandotte, Mich

DIETHYLENE GLYCOL DIBENZENE SULFONATE

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
American-British Chem Supplies, 180 Madison Ave, N Y 16
Caldwell Chem Co, 441 Lexington Ave, N Y 17
William D Neuberg Co, 420 Lexington Ave, N Y 17

DIETHYLENE GLYCOL ESTERS

W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Fallek Products Co, 163 Broadway, N Y 6
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Legion Chem, 70 Wall St, N Y 5
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

DIETHYLENE GLYCOL MONOBUTYL ETHER ACETATE

$C_4H_9(CH_2)_2O(CH_2)_2OOCCH_3$. M.W. 204.16. Colorless liq. B.P. 245°C.
● Pkg—1 gal. cans, 5, 55 gal. drums.
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Republic Chem Corp, 94 Beekman St, N Y 38

DIETHYLENE GLYCOL MONO OLEATE see Glycol Oleate

DIETHYLENE GLYCOL MONO RICINOLEATE see Diglycol Ricinoleate

DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE

$C_2H_5OCH_2CH_2OCH_2CH_2CO_2CH_3$. M.W. 176.13. B.P. 218°C. Colorless liq. Sp. gr. 1.008-1.013 at 20/20° C. Wt. per gal., 8.41 lbs. at 20°C. Miscible with most common organic solvents, completely with water. Uses—solvents for cellulose esters, gums, and resins.
● Pkg—1 gal. cans, 5, 55 gal. drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

DIETHYLENE TRIAMINE

$(NH_2)C_2H_4(NH)C_2H_4(NH_2)$. Hygroscopic, somewhat viscous liq. B.P. 207.1°C. Completely sol. in water and hydrocarbons. Strongly alkaline, high-boiling solvent for sulfur, acid gases, various resins and dyes. Saponifies acidic materials, such as fatty acids, to form soaps which dehydrate to amides. Uses—mfr. rubber, resins, dyes; in the textile industry.
● Pkg—1 gal. cans, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIFFUSION PUMP FLUIDS, SILICONE

*Dow Corning Corp, Midland, Mich
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J

DIGLYCOL

● Pkg—1 gal. cans, 5, 55 gal. drums.
S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

DIGLYCOL CHLORHYDRIN

● Pkg—1 gal. cans.
*Columbia-Southern Chem Corp Sub, 5 Ave at Bellefield, Pittsburgh 13, Pa

DIGLYCOL DIACETATE

$O(CH_2CH_2OCOCH_3)$. M.W. 190.19. Liquid. B.P. 250°C. F.P. 19.1°C. Complete sol. water. Uses—solvent.
● Pkg—1 gal. cans.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

DIGLYCOL LAURATE

$HO.C_2H_4O.C_2H_4.OOC.H_{23}C_{11}$. Sp. gr. 0.963-0.968 (25°C). B.P. does not decomp. at 250°C. Uses—mfr. cosmetics, sol. oils for textile, paper, leather industries. Mfr. automobile, furniture and metal polishes; mfr. dry cleaning soap.
● Pkg—1, 5 gal. cans, 1, 8, 40, 400, 450 lb. drums.
W W Angus, 220 Broadway, N Y 38
Barclay Chem Co, 75 Varick St, N Y 13
*Carlisle Chem Works, West St, Reading 15, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

DIGLYCOL OLEATE see Glycol Oleate

DIGLYCOL RICINOLEATE (Diethylene Glycol Mono Ricinoleate)

$C_{17}H_{33}OCOOC_2H_4OC_2H_4OH$. M.W. 386.56. Light yellow liq. Sp. gr. (25°/25°C) 0.980. Solidification point 0°C. (Free Fatty Acid, 3.5-5.5, Saponification Value 150-160. Iodine value 67-71. Insol. in water; sol. in alcohol, acetone and ethyl acetate. Uses—interesting as a plasticizer for synthetic resins and synth. rubbers. Also as a lubricant.
● Pkg—1, 5 gal. cans, 450 lb. drums.
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

DIGLYCOL STEARATE

$(C_{17}H_{35}COOC_2H_4)_2O$. Uses—cosmetic creams and lotions, lubricant for paper and cardboard in dry die-forming, as pigment and abrasive suspension for polishes, cleaners and lubricants. Thickening and suspending agent for textiles, paper, etc. Temporary binder for ceramic insulating tiles, etc., abrasive and grinding wheels. Emulsifying agent for shoe creams, metal polishes, etc.
● Pkg—1, 10, 50, 200, 375, 500 lb. drums.
W W Angus, 220 Broadway, N Y 38
Barclay Chem Co, 75 Varick St, N Y 13
*Carlisle Chem Works, West St, Reading 15, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

DIGLYCOLS, MIXED

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Wyandotte Chem Corp, Wyandotte, Mich

DIHEXYL ADIPATE

Binney & Smith Co, 41 E 42 St, N Y 17
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIHEXYL DISULFIDE, Di-tert.

DIHEXYL PHTHALATE

● Pkg—Drums.
Binney & Smith Co, 41 E 42 St, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Eastman Chem Products, Kingsport, Tenn
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

DIHEXYL SEBACATE

●Pkg—55 gal. drums.

Binney & Smith Co, 41 E 42 St, N Y 17
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIHYDRAZINE SULFATE

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md

DIHYDRODIKETO-BENZONE see Quinone

DIHYDROGEN SULFATE see Acid, Sulfuric

DIHYDROPYRAN

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del

DIHYDROSTREPTOMYCIN

●Pkg—1, 5 g vials.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bristol Labs, 630 5 Ave, N Y 20
Fallek Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Legion Chem, 70 Wall St, N Y 5
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tuteur Bio-Chem, 52 Wall St, N Y 5

DIHYDROXYACETONE

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Lack Chem Co, 19 Park Pl, N Y 7

DIHYDROXYANTHRAQUINONE see Quinizarine

1:2-DIHYDROXYANTHRAQUINONE see Alizarin

m-DIHYDROXYBENZENE see Resorcinol

o-DIHYDROXYBENZENE see Pyrocatechol

DIHYDROXY-CAMPHENE see Borneol

1,10-DIHYDROXYDECANE see Decamethylene Glycol

4, 4'-DIHYDROXYDIPHENYLSULFONE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

N-N'-DIHYDROXYETHYL ETHYLENEDIAMINE

$(CH_2NHC_2H_4OH)_2$. M.W. 148. M.P. 98°C. Uses—chemical intermediate.

●Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

1,5 DIHYDROXY NAPHTHALENE

●Pkg—150 lb. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Augusta Chem Co, P O Box 660, Augusta, Ga
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*National Aniline Div, 40 Rector St, N Y 6

DIHYDROXY PHENYLALANINE

*Bios Labs, 17 W 60 St, N Y 23
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

DIHYDROXYPHTHALOPHENONE see Phenolphthalein

DI-IODOMETHANE see Methylene Iodide

DIIODO OXYQUINOLINE

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

1,3-DIIODOPROPANE (Trimethylene Diiodide)

$C_3H_6I_2$. M.W. 295.92. Heavy clear liq. Uses—organic syntheses.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

DIIODOTYROSINE

$C_9H_9NO_3I_2$. M.W. 432.96. White cryst. M.P. 205°C. Sl. sol. water. An aminoacid found in gorgonia spongin and thyrogloboulin.

●Pkg—Drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y

DIISOBUTYLAMINE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIISOBUTYL AZELATE

$(CH_3)_7(COC_4H_9)_2$. M.W. 268. Light straw colored liq. with mild odor. Boil. range at 4 mm 168-191°C. Uses—plasticizer suitable where low temperature flexibility is required.

*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

DIISOBUTYL CARBINOL

●Pkg—1 gal. cans.

Bell Chem Co, 25 W 44 St, N Y 36
Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J

DIISOBUTYL KETONE

$(CH_3)_2CHCH_2(CO)CH_2CH(CH_3)_2$. A colorless liq. miscible with most organic liq., but not with water. B.P. 168.0°C. Has a xylene dilution ratio of 1.5. Has excellent solvent power for rubber, nitrocellulose and synthetic resins, a stable, slow-evaporating solvent.

J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIISOBUTYL PHTHALATE

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Tennessee Eastman Co, Kingsport, Tenn
*Witco Chem Co, 260 Madison Ave, N Y 16

DIISOBUTYLENE

$(CH_3)_3CCHC(CH_3)_2$. M.W. 112.12. B.P. 102.6°C; $d_4^{20} = 0.8159$; $N_D^{20} = 1.410$; sol. water. Com. product is mixture 80% 2, 4, 4 trimethyl pentene —1, and 20% 2, 4, 4 trimethyl pentene —2. Water-white in color. Uses—as a solvent where its close boiling range, 100-103°C, is of value; in chemical synthesis; mfr. of resins average weight at 20°C 5.97 lbs. per gal.

●Pkg—35 gal. drums.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIISOOCTYL ADIPATE

$(C_8H_{17})_2(COO)(CH_2)$. M.W. 370. Light straw-colored liq. Uses—plasticizer for vinyl resins and synthetic rubbers.

●Pkg—1, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIISOOCTYL PHTHALATE

$(C_8H_{17})_2(OOC)_2C_6H_4$. M.W. 390. Pale straw-colored. liq. Uses—plasticizer for vinyl resins and synthetic rubbers.

●Pkg—1, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
Chemical Service Corp, 82 Beaver St, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Eastman Chem Products, Kingsport, Tenn
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
Shepard Chem Corp, 117 Liberty St, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

DIISOOCTYL SEBACATE

$(C_8H_{17})(COO)_2(CH_2)$. M.W. 426. Light straw-colored liq. Uses—plasticizer for vinyl resins and synthetic rubbers.

●Pkg—1, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y

DIISOPROPANOLAMINE

$(CH_3CHOHCH_2)_2NH$. M.W. 133.18. High-boiling oily liq. B.P. 116°C at 5 mm pressure. Sp. gr 1.0089 at 20°C. Sol. water, and in most organic solvents. Uses—emulsifying agents, stable to light and air; mfr. detergents, pharmaceuticals, and cosmetics.

●Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

DIISOPROPYL

●Pkg—Pint, quart, 1 gal. bottles, 5, 55 gal. drums.

Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

BOUGHT — SOLD

Phthalates
Dimethyl — Dioctyl — Dibutyl — Others
Plasticizers — Plastics — Solvents
Industrial & Fine Chemicals

Chemical Service Corporation
EST. 1925
92-A BEAVER ST., NEW YORK 5, N.Y. HANOVER 2-6970

DIISOPROPYLAMINE

$[(CH_3)_2CH]_2NH$. M.W. 101.2. Miscible with most organic solvents. Ammoniacal odor; water-white color. Uses—starting material in mfr. of rubber chemicals, textile specialties, detergents, inhibitors, dyes, pharmaceuticals, anti-oxidants.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIISOPROPYLBENZENE ("Alkazene 12"—Trade Name)

$C_{12}H_{18}$. Clear colorless liq. B.R. 204-207°C; Sp. gr. 0.865; F.P. below —48°C; Refractive index at 25°C 1.490; Flash Pt. 76°C; Fire Pt. 79°C. Uses—Solvent; intermediate in chemical syntheses.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

DIISOPROPYLCARBINOL

● Pkg—55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

1,3-DIISOPROPYLTHIOUREA

$(Ch_3)_2$ CHNHCSNHCH$(CH_3)_2$. M.W. 160.3 calc. grayish-white powd. Melt. range 140-145°C. Sol. conc. acid. Uses—corrosion inhibitor.

*Sharples Chem, 123 S Broad St, Phila 9, Pa

DILUENTS, LACQUER

Active resin solvents which assist in the blending and compounding of specific resins with the nitrocellulose, cellulose, or other ingredients, thus modifying flow and vaporization characteristics. The more commonly used are benzol, toluol, xylol, various organic solvents, and petroleum solvents, specially fractionated for the lacquer industry. Products are specially treated in order that traces of objectionable nauseous odors are removed, as well as corrosive constituents. Grades—Light Fraction: This is used to replace benzol, all or in part, in fast drying lacquers. Rate of evaporation is similar to that of benzol. Medium Fraction: This is used to replace toluol, all or in part, in spraying lacquers for the automobile and furniture trade. Rate of evaporation is similar to that of toluol. Heavy Fraction: This is used to replace xylol, all or in part, in slower drying lacquers. Rate of evaporation is similar to that of xylol. Very Heavy Fraction: This is used in brushing lacquers for the architectural field. Evaporation rate is roughly similar to that of turpentine.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Howe & French, 99 Broad St, Boston, Mass
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIMERCAPROL (BAL)

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

2,5-DIMETHOXY ANILINE

(Amino Hydroquinone Dimethyl Ether)

● Pkg—35 lb. cans, 30 gal. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn

DIMETHOXYBENZIDINE see Dianisidine

1,2-DIMETHOXY ETHANE

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

DIMETHOXY ETHYL PHTHALATE

$C_6H_4(COOC_2H_4O.CH_3)_2$. M.W. 282; B.P. 188-216°C. Sp. gr. at 20°C 1.173; lbs. per gal. 9.77. Water-white, neutral, odorless ester. Excellent stability to hydrolysis, heat and light; low solubility in petroleum solvents. Uses—plasticizer for cellulose acetate, cellulose ethers, and Vinylite.

● Pkg—1, 5, 55 gal. drums

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIMETHOXYMETHANE see Methylal

DIMETHOXY STRYCHNINE see Brucine Alkaloid

DIMETHYL ACETAL

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIMETHYLAMINE

$(CH_3)_2NH$. Gas. Is compressed to liq. state, also occurs in aqueous state. Aqueous solution is colorless; miscible with alcohol, water. Sp. gr. 0.686. B.P. 7.2°C. Sol. water, alcohol, ether. Uses—mfr. intermediates; in organic synthesis; as accelerator in rubber; insecticide for boll weevil. Grades—tech.

● Pkg—25, 50, 100, 1400 lb cylinders.

J M Baird Co, 254 W 31 St, N Y 1
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
International Selling Corp, 122 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Republic Chem Corp, 94 Beekman St, N Y 38

p-DIMETHYLAMINOBENZALDEHYDE

$C_6H_4[N(CH_3)_2]CHO$. M.P. 73°C. Light yellow cryst. Insol. water; sol. alcohol, chloroform, ether. Uses—dyes, reagent.

● Pkg—Custom packed

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
National Aniline Div, 40 Rector St, N Y 6
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

DIMETHYLAMINOETHANOL (Dimethyl Ethanolamine)

● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIMETHYLAMINOETHYL CHLORO HYDROCHLORIDE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich

DIMETHYLAMINOPROPANOL

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIMETHYLANILINE

$C_6H_5N(CH_3)_2$. M.W. 121.09. Yellow or brown liq. Sp. gr. 0.962 (15°C). M.P. 1.67°C. B.P. 192.5-193.5°C. Sol. alcohol, ether. Uses—mfr. dyes, methyl violet, cryst. violet, methyl green, methylene blue, malachite green, auramine, Michler's ketone, intermediates, organic chemicals, trinitrophenylmethylnitramine; as rubber accelerator. Grades—pure.

● Pkg—800 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

DIMETHYL ANTHRANILATE

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DIMETHYLARSINIC see Acid, Cacodylic

DIMETHYLBENZENE see Xylol

DIMETHYL BENZIDINE HYDROCHLORIDE see o-Tolidine Dihydrochloride

DIMETHYLBENZIDINE see Tolidine

DIMETHYLBUTANE

● Pkg—Pints, quarts, bottles, drums.

Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

DIMETHYLCARBINOL see Alcohol, Isopropyl

DIMETHYL DICHLORO BENZYL ALKYL AMMONIUM CHLORIDE

*Fine Organics, 211 E 19 St, N Y 3
General Dyestuff Corp, Antara Chem Div, 435 Hudson St, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

DIMETHYL-DIPROPANOL see Alcohol, Butyl (Tertiary)

DIMETHYL ETHANOLAMINE (Dimethylaminoethanol)

$(CH_3)_2NCH_2CH_2OH$. M.W. 89.14. Sol. water. Colorless, amine-odored liq. Uses—in synthesis of dyestuffs, textile auxiliaries, pharmaceuticals, and corrosion inhibitors.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Dow Chem Co, Midland, Mich
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIMETHYLETHYLCARBINOL see Alcohol, Amyl (Tertiary)

DIMETHYL ETHYNYL CARBINOL see 2-Methyl-3-Butyn-2-ol

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DIMETHYL FORMAMIDE

J M Baird Co, 254 W 31 St, N Y 1
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Rohm & Haas Co, 712 Locust Ave, Phila 5, Pa

DIMETHYL FURANE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIMETHYL GLYCOL PHTHALATE

J M Baird Co, 254 W 31 St, N Y 1
Bergstrom Trading Co, 233 Broadway, N Y 7
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIMETHYL GLYOXIME (Diacetyl-dioxime)

$CH_3C(NOH)C(NOH)CH_3$. M.W. 116.08. White, crystalline solid. M.P. 246°C. Very sl. sol. in water, sol. alcohol. Uses—precipitant for nickel and other metals. Grades—analytical, tech.
● Pkg—Custom packed.

J T Baker Chem Co, Phillipsburg, N J
*Bell Chem Co, 25 W 44 St, N Y 36
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Lack Chem Co, 19 Park Pl, N Y 7
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

DIMETHYL HYDROQUINONE

$C_6H_4(OCH_3)_2$. M.W. 138. Crystalline solid. Uses—tobacco, honey compounds.
● Pkg—Custom packed.

*E I du Pont de Nemours & Co, Organic Chem Dept, Fine Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
General Dyestuff Corp, Antara Chem Div, 435 Hudson St, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

DIMETHYLKETAL see Acetone

DIMETHYLKETONE see Acetone

DIMETHYL MALEATE

$(CH_3OOCCH)_2$. M.W. 144.12. Liquid. B.P. 200.4°C. Uses—raw material for mfr. of plasticizers, pharmaceuticals, resins.
● Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIMETHYL NAPHTHALENE

$(CH_3)_2C_{10}H_6$. M.W. 156.22. Liq. to sol. at room temp. depend. upon positional isomer. Insol. water; sl. sol. alcohol.
● Pkg—Custom packed.

Henley & Co, 801 2 Ave, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

DIMETHYLPHENOLS see Xylenols

DIMETHYL PHTHALATE (Methyl Phthalate)

$C_6H_4(CO_2CH_3)_2$. M.W. 194.08. Colorless, odorless, liq. Sp. gr. 1.190 (20°C). Ester content 99-100%. Acidity free acid as phthalic, not over .02%. Uses—as a plasticizer, particularly for nitrocellulose.
● Pkg—50, 500 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6

DIMETHYLUREA
DIMETHYL-AMINOETHANOL
SHARPLES TRADE MARK CHEMICALS
Sharples Chemicals Inc.
PHILADELPHIA
CHICAGO
NEW YORK

Fritzsche Bros, 76 9 Ave, N Y 11
International Selling Corp, 122 E 42 St, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Legion Chem, 70 Wall St, N Y 5
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Plastichemicals Co, 1 Beekman St, N Y 38
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
United Sterling Chem Corp, 350 5 Ave, N Y 1
George J Wiesner Co, 150 Nassau St, N Y 38

DIMETHYL PYRIDINE see 2,4- & 2,6-Lutidine

DIMETHYL SEBACATE

$[(CH_3)_4COOCH_3]_2$. Uses—solvent or plasticizer for nitrocellulose, vinyl resins.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Binney & Smith Co, 41 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIMETHYL SULFATE (Methyl Sulfate)

$(CH_3)_2SO_4$. Colorless liq. Sp. gr. 1.333 (15°C). M.P. —31.8°C. B.P. 188.3 to 188.6°C. Sol. alcohol. Uses—methylating agent in making intermediates, dyes, phenols, poison gas, synthetic drugs. Grades—crude; rectified; tech.
● Pkg—100, 500 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

DIMETHYL TEREPHTHALATE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Lack Chem Co, 19 Park Pl, N Y 7

1,3-DIMETHYLUREA

$CH_3NHCONHCH_3$. M.W. 88.11. White to light-gray flakes. M.P. 104°C. Uses—intermediate for pharmaceuticals of the purine type.
● Pkg—125 lb. cartons.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Watson-Park Co, Box 158, Ballard Vale, Mass

DIMETHYLOL UREA

$HOCH_2NHCONHCH_2OH$. A water sol. primarily condensation product of urea and formaldehyde of particular interest as a resin intermediate. Useful in protective coating, adhesive, and impregnating compositions and in the modification of natural and synth. products. Water content less than 11%. Water solubility 15% at 20° C., 45% at 50°C. Generally insol. in organic solvents.

J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass

1,3-DIMETHYLXANTHINE see Theophylline

3,7 DIMETHYLXANTHINE see Theobromine

DINITRANILINE

$C_6H_5O_4N_3$. M.W. 183.19. M.P. (2:3) 127°C. (2:4). Yellow, monoclinic cryst. Sp. gr. 1.165. M.P. 181°C.; insol. water; sol. alcohol, ether (2:5) M.P. 137°C. (2:6) —large, yellow, crystalline needles, M.P. 138°C.; sol. alcohol. (3:4) M.P. 154°C. (3:5) M.P. 159°C. Uses—as an intermediate.
● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Flio Color & Chem Corp, 202 E 44 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Republic Chem Corp, 94 Beekman St, N Y 38

DINITROAMINOPHENOL see Acid, Picramic

DINITROANISOLE (m-Dinitroanisole, 2:4-Dinitroanisole)

$CH_3OC_6H_3(NO_2)_2$. M.W. 198. Light yellow powd. M.P. 95.5-96°C. Uses—dyestuff intermediate; insecticide.
● Pkg—Drums, bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

2:4-DINITROANISOLE see Dinitroanisole

m-DINITROANISOLE see Dinitroanisole

DINITROBENZENE

$C_6H_4(NO_2)_2$. M.W. 168.14. Colorless scales. M.P. 117°C.; B.P. 319°C. Very sl. sol. in water, sl. sol. in alcohol; soluble in benzene. Uses—mfr. dyes
● Pkg—280 lb. bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

3,5-DINITROBENZOYL CHLORIDE

$C_6H_3(NO_2)_2COCl$. M.W. 230.6. Cream-colored [illegible]. Uses—identification and isolation of certain high molecular compounds containing hydroxy-groups.
● Pkg—Bottles.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DINITROCHLOROBENZENE (Dinitrochlorobenzol)

$C_6H_3(NO_2)_2Cl$. Colorless needles. Sp. gr. 1.boue-1.697. M.P. 37.1-53.0°C. (depending on position of NO_2 and Cl groups in molecule). Sol. alcohol; insol. water. Uses—mfr. sulfur black dyes, dinitrophenol, substituted diphenylamines, synth. perfumes. Grades—tech.
● Pkg—600, 700, 1000 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MONSANTO
2,4-DINITROCHLOROBENZENE
TECHNICAL

Grades: 2 grades of cast crystalline solids with min. crystallizing points of 48.0°C. and 46.5°C.

Containers: 600-lb. steel drums.

MONSANTO CHEMICALS—PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri
SERVING INDUSTRY... WHICH SERVES MANKIND

Eastman

dioctyl phthalate

Eastman DOP is uniform in quality and has unusually low color. DOP is probably the best all-purpose plasticizer known for polyvinyl resins and also finds use with a wide variety of other materials, including polymethyl methacrylate, the cellulosics and synthetic rubber. Available in drums, and in compartmented and full tank cars.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

DINITROCHLOROBENZENE, continued

*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Legion Chem, 70 Wall St, N Y 5
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C
Sterone Corp, 250 W 57 St, N Y 19

DINITROCHLOROBENZOL see Dinitrochlorobenzene

DINITRO-o-CRESOL

$C_7H_6O_5N_2$. M.W. 198.2. M.P. 104°C. B.P. 312°C. Uses—known as saffron substitute; orange-colored poisonous dye.
● Pkg—Powder—200 lb. drums; Granular—275 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
Sterone Corp, 250 W 57 St, N Y 19

DINITROPHENOL (Alpha-Dinitrophenol)

$C_6H_3OH.(NO_2)_2$. a. 2:3. b. 2:4. c. 2:6. Yellow, crystalline powd. a. Sp. gr. 1.683. M.P. 144°C. b. Sp. gr. 1.683. c. M.P 111.6°C. M.P 61-7R°C. Sol. alcohol, benzene, chloroform; sl. sol. water. Uses—mfr. sulfur and azo dyes, ammonal black, sulfur blacks, picramic acids, picric acid, amidol; as wood preservative. Grades—tech.
● Pkg—275 lb. bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

a-DINITROPHENOL see Dinitrophenol

DINITROTOLUENE (Dinitrotoluol)

$C_6H_3.CH_3(NO_2)_2$. a. 2:4. b. 3:4. c. 3:5. Yellow cryst. a. Sp. gr. 1.521. M.P. 69.6°C. b. Sp. gr. 1.26. M.P. 59.8°C. c. M.P. 92.3°C. Sol. alcohol, ether; insol. water. Uses—mfr. T. N. T., organic chemicals, tolidines, toluidines, sulfur and azo dyes; in dynamite to prevent freezing. Grades—tech.
● Pkg—250 lb. bbls.

Chematar Inc, 40 Exchange Pl, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Hummel Chem Co, 90 West St, N Y 6
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

DINITROTOLUOL see Dinitrotoluene

DINONYL ADIPATE

$(C_9H_{19})_2(COO)_2(CH_2)_4$. M.W. 398. Light straw-colored liq. Uses—plasticizer for vinyl resins and synthetic rubbers.
● Pkg—1, 5, 55 gal. drums.

*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

DINONYL PHTHALATE

$(C_9H_{19})(COO)_2C_6H_4$. M.W. 418. Light straw-colored liq. Uses—plasticizer for vinyl resins and synth. rubbers.
● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Naugatuck Chem Div, Elm St, Naugatuck, Conn
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

DINONYL SEBACATE

$(C_9H_{19})_2(COO)_2(CH_2)_8$. M.W. 454. Light straw-colored liq. Uses—plasticizer for vinyl resins and synth. rubbers.
● Pkg—Drums.

*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

DIOCTYL ADIPATE

● Pkg—1, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Witco Chem Co, 260 Madison Ave, N Y 16

DIOCTYL PHTHALATE

$C_6H_3(COOC_8H_{17})_2$. M.W. 391.55. Viscous oil, used as a plasticizer.
● Pkg—1, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Barclay Chem Co, 77 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Bergstrom Trading Co, 233 Broadway, N Y 7
Binney & Smith Co, 41 E 42 St, N Y 17
Browning Chem Corp, 150 Broadway, N Y
Burgess Chem Co, 64 Hamilton St, Paterson, N J
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16

DIOCTYL PHTHALATE
DIBUTYL PHTHALATE • DIMETHYL PHTHALATE
TRICRESYL PHOSPHATE • SANTICIZERS

Barclay CHEMICAL COMPANY, Inc.
77 VARICK STREET — SPECIALISTS IN CHEMICALS AND BY-PRODUCTS — NEW YORK 13 • WO 4-5120

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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

De Bear Inc, 636 11 Ave, N Y 36
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft Sandford Ave, Kearny, N J
Henley & Co, 801 2 Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Mutchler Chem Co, 258-259 Broadway, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Ohio-Apex Inc Div, Nitro, W Va
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Chem Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Witco Chem Co, 260 Madison Ave, N Y 16

DI-n-OCTYL PHTHALATE

$C_6H_4(COOC_8H_{17})_2$. M.W. 390. Light colored oily liq. Mid. B.P. at 4 mm 241°C. F.P. —25°C. Uses—primary plasticizer imparting permanent flexibility, low temp. flexibility, low water extraction, and heat stability.
● Pkg—1, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
Bell Chem Co, 25 W 44 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

DIOCTYL SEBACATE

● Pkg—425 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Binney & Smith Co, 41 E 42 St, N Y 17
Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft Sandford Ave, Kearny, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

DIOXANE (1,4-Dioxane, Diethylene Dioxide)

$O:(CH_2CH_2)_2:O$. M.W. 88.10. Colorless liq. with faint pleasant odor. Solvent for water, cellulose acetate, ethyl cellulose, benzyl cellulose, resins, vegetable and mineral oils, fats, greases, lignin. Uses—solvent in mfr. of lacquers, varnishes, paint and varnish removers, detergents; dispersing agent in dye baths; in mounting tissue specimens.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

1,4-DIOXANE see Dioxane

p-DIOXYBENZENE see Quinone

2:6-DIOXYPURINE see Xanthine

DIOXYTRIPHENYLCARBINOL see Phenolphthalein

DIOXYTRIPHENYLPHTHALIDE (see Phenolphthalein)

DIPENTAERYTHRITE see Dipentaerythritol

DIPENTAERYTHRITOL (Dipentaerythrite)

$(CH_2OH)_3C:CH_2:O:H_2C(CH_2OH)_3$. M.W. 254.28. White powder. M.P. 221°C. Sol. hot water. Insol. hydrocarbons. Uses—mfr. of varnishes, resins, and synth. drying oils.
● Pkg—50 lb. bags.

R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

DIPENTANOL see Alcohol, sec-Amyl

DIPENTENE (Terpene)

Hydrocarbons with the general formula $C_{10}H_{16}$. Den. 0.865. Colorless liq., insol. water, alcohol, ether. B.P. 180-190°C (90%) Uses—flavoring, in medicine.
● Pkg—1, 5 gal. cans, 55 gal., 391 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
Crosby Chem, P O Box 32, De Ridder, La
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Newport Industries, 230 Park Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
G A Wharry & Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

DIPENTENE GLYCOL see Terpin Hydrate

DIPHENYL (Biphenyl, Phenyl Benzene)

$C_6H_5.C_6H_5$. M.W. 154.08. Light yellow crystalline solid. B.P. 255.6°C. F.P. 68.5°C. Uses—as a high temp. low pressure heat transfer medium; as a dielectric fluid; also starting point for many derivatives such as chlorinated diphenyl, sulfonic acid, nitro, amino and hydroxy compounds.
● Pkg—75 lb. bags, 100 lb. kegs, 250 lb. bbls., 575 lb drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIPHENYL ACETONITRILE

$(C_6H_5)_2CHCN$. M.W. 193. Colorless cryst. Insol. water; very sol. alcohol. Uses—prep. of diphenylacetic acid, p-diphenyl ethylamine and synthesis of anti-spasmodics.
● Pkg—Drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
E D Schaeffer Chem Co, 381 4 Ave, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

DIPHENYL AMINE (Phenylaniline)

$(C_6H_5)_2NH$. Colorless to gray leaflets. Sp. gr. 1.159. M.P. 54°C. B.P. 302°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. sulfur and other dyes, intermediates, organic chemicals, sulfur blues, aurantia, orange IV, metanil yellow, acridine diphenylhydrazin, diphenylamine blue and orange, diphenyl blue, wherein, carbazol; stabilizer of nitrocellulose explosives and celluloid; colloidal metal solutions; synth. perfume preps. Grades—tech.
● Pkg—200, 250 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

MONSANTO
AROCLORS
CHLORINATED BIPHENYL AND CHLORINATED POLYPHENYLS

Aroclors possess unique properties which fill requirements not met by other materials.
Outstanding applications: electrical insulation, nonflammable hydraulic media, high-pressure lubricants, heat transfer and expansion media, adhesives, protective coatings, and plasticizers.

MONSANTO CHEMICAL COMPANY
Phosphate Division, St. Louis 4, Missouri
Aroclor: Reg. U.S. Pat. Off.
SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

INDUSTRIAL CHEMICALS
Cable Address:
PHIBROCHEM NEW YORK

DIOCTYL PHTHALATE
DIBUTYL PHTHALATE
TRICRESYL PHOSPHATE
ALL OTHER PLASTICIZERS
AND SOLVENTS

Philipp Brothers Chemicals, Inc.
37 WALL STREET, NEW YORK 5, N. Y.
PORTLAND, CONN. PHILADELPHIA BOSTON PROVIDENCE BALTIMORE

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

KOPPERS

Diphenylaminechlorarsine

● "DM" is a crystalline organo-arsenic compound, which, as an organic arsenical, is toxic to many of the lower forms of animal life. It is a sternutator and a skin irritant, and is used as a component of tear-gas devices and in the formulation of wood-treating solutions for protection against such pests as marine borers of the genus Teredo.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

DIPHENYL AMINE CHLORASINE

● Pkg—Cylinders.

*Bios Labs, 17 W 60 St, N Y 23
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*G Frederick Smith Chem Co, P O Box 1611, Columbus 16 Ohio

DIPHENYL CARBAZIDE

$(C_6H_5NHNH)_2CO$.
● Pkg—Bottles.

*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

DIPHENYL CARBONATE

$(C_6H_5)_2CO_3$. M.W. 214. White crystalline solid. M.P. 78°C. B.P. 302°C; 168°C (15 mm). Insol. in water, sol. in hot alcohol, ether, acetic acid, acetone, and most aromatic solvents. Volatility of 22.0% compared with 100% for camphor. Compatible with cellulose acetate, effecting ready solution to form a clear and uniform plastic comparable to that formed with camphor. It is similarly recommended for ethyl cellulose plastic. Forming odorless and less combustible plastic with nitrocellulose, it lends itself for substitution of up to 50% of the camphor content of such plastics.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6

DIPHENYL GUANADINE (Melaniline, D. P. G. Salt)

$C_{13}H_{13}N_3$. White, crystalline powd. or needles. M.P. 147°C. Decomp. at 170°C. Sol. water, alcohol. Uses—rubber accelerator. Grades—tech.; powd. (97%). ½Pkg—50 lb. bags, 150 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Monsanto Chem Co, Rubber Chem Dept, 920 Brown St, Akron 11, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

DIPHENYL HYDANTOIN

$C_{15}H_{12}O_2N_2$. M.W. 252.1. White, odorless needle like cryst. M.P. 295-298°C. Insol. water; sol. sodium hydroxide soln.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Blackman Brands, Wesley St, S Hackensack, N J
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y

DIPHENYL HYDANTOIN, SODIUM

● Pkg—100 lb., 50 K drums.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Blackman Brands, Wesley St, S Hackensack, N J
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*B L Lemke & Co, 199 Main St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y

DI-PHENYL-HYDRAZINE see Hydrazobenzene

DIPHENYL KETONE see Benzophenone

DIPHENYL METHANE (Methylenediphenyl, Benzylbenzene)

$(C_6H_5)_2CH_2$. Colorless, long needles. Sp. gr. 1.001. M.P. 26.5°C. B.P. 261°C. Sol. alcohol, ether. Uses—mfr. intermediates, dyestuffs, organic chemicals, synth. pelargonium oil, floral attes. Grades—tech.
● Pkg—Bottles, 5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Trubek Labs, State Hway #17, E Rutherford, N J

DIPHENYL OXIDE

$(C_6H_5)_2O$. Colorless cryst., geranium odor. Sp. gr. 1.0728. M.P. 27°C. B.P. 259°C. Uses—perfume, organic synthesis.
● Pkg—5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Henley & Co, 801 2 Ave, N Y 17
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Tombarel Products Corp, 12 E 22 St, N Y 10

DIPHENYL PHTHALATE

The diphenyl salt of phthalic acid. Uses—as a plasticizer.
● Pkg—400 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

DIPHENYL THIOCARBAZONE

$C_6H_5.N.N.CS.NH.NH.C_6H_5$. M.W. 256.19. Bluish-black cryst. powd. Insol. in water; sparingly sol. in alcohol, freely in carbon tetrachloride, chloroform. Solns. not stable, but may may be preserved by a layer of aq. SO_2. Uses—sensitive reagent for several heavy metals, Co, Cu, Pb and Hg. Particularly used for estimation of minute amount of Pb.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

DIPHENYLENE OXIDE

$(C_6H_4)_2O$. M.W. 168.18. Crystalline solid. M.P. 86° C. Sol. ether, benzene; insol. water; sol. hot alcohol.

Henley & Co, 801 2 Ave, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

a-b-DIPHENYLTHIOUREA see Thiocarbanilide

o-DIPHENYLENE-ETHYLENE see Phenanthrene

DIPHENYLENEKETONE see Anthraquinone

DIPPEL see Oil, Bone

DI-n-PROPYLAMINE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DIPROPYL KETONE (Butyrone)

$(CH_3CH_2CH_2)_2CO$. Colorless liq. Sp. gr. .8162 at 20/20°C. B.P. 143.4°C. Solubility in water 0.5% at 20°C. Sol. alcohol, hydrocarbons an most organic liq. Uses—in lacquers as high boiling ketone; solvent for resins. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DIPROPYLMETHANE see Heptane

DIPROPYLENE GLYCOL

$(CH_3CHOHCH_2)_2$. M.W. 134.17. Colorless, sl. viscous liq. B.P. 231.8°C. Sp. gr. 1.0252 at 20°C. Sol. in water and most organic solvents (gasoline excepted). Uses—solvent for shellac, nitrocellulose; partially compatible with cellulose acetate. More active as a solvent than either propylene glycol or diethylene glycol.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Mineral Spirits Co, 155 E 44 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Legion Chem, 70 Wall St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

DIPROPYLENE GLYCOL METHYL ETHER

● Pkg—5, 10, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I

DIPROPYLENE GLYCOL MONO STEARATE

*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

DIPYRIDYL (2,2'-Bipyridyl, 2,2'-Bipyridine)

$(C_5H_4N)_2$ M.W. 156. White cryst. M.P. 70°C. Uses—oxidation-reduction indicator; colorimetric determination of ferrous iron; drying agent for paints.

*Bios Labs, 17 W 60 St, N Y 23
*Brothers Pharmacal Co, Orange, N J
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Fevry St, Newark 5, N J
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

DISCHARGE AGENTS, TEXTILE

Usually a reducing agent most common of which is sodium hydrosulfite. Used to reduce the ground color in discharge printing on silk, cotton or rayon fabrics, as an ingredient in vat dyeing and as a stripper to remove dyestuffs from fabrics for redyeing. There are several proprietary products for special stripping purposes where hydrosulfite is ineffectual or unsuitable.

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Geigy Co, 89-91 Barclay St, N Y 8
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

DISCHARGE LAKE R see p-Nitraniline, Red

DISINFECTANT BASES

Coal-tar acids, coal-tar chemicals used as the base in the mfr. of coal-tar disinfectants. Pine oil used as the base for the production of pine oil disinfectants

*Barrett Div, 40 Rector St, N Y 6
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cloroben Corp, 225 Mercer St, Jersey City 2, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dow Chem Co, Midland, Mich
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Ottawa Chem Co, 823 Hamilton St, Toledo 7, Ohio
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Polarome Mfg Co, 73 Sullivan St, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Standard Chem Co, 217 New St, Phila 6, Pa
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

DISINFECTANTS, COAL TAR

Coal tar disinfectants owe their potency largely to the phenolic compounds they contain and are made in emulsion and sol. types. The emulsion type is made from tar acid oils, soaps (frequently rosin soap) and water, and when diluted for use in water form whitish emulsions. They are mfr. with phenol coefficients ranging from 2 to 20. The sol. type is made from tar acids, usually cresols and xylenols, soap, alkali and water and from clear or sl. analescent solutions when diluted with water for use. Liquor cresolis compositus U.S.P. XI is a soluble type disinfectant made according to the specification of the U.S. Pharmacopoeia. The Bureau of Animal Industry (B.A.I.) type is another example of the sol. type coal tar disinfectant.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
Rosenthal Bercow Co, 25 E 26 St, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Co, 217 New St, Phila 6, Pa
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

DISINFECTANTS, DAIRY

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Westvaco Chem Div, 161 E 42 St, N Y 17

DISINFECTANTS, HOUSEHOLD

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fine Organics, 211 E 19 St, N Y 3
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Merck & Co, Rahway, N J
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Spick Products Co, Athens, N Y
*Standard Chem Co, 217 New St, Phila 6, Pa
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27

DISINFECTANTS, HYPOCHLORITE

Products which liberate free (nascent) chlorine to sterilize and disinfect; sold on the basis of available chlorine content. See Commercial Standard CS68-38, Nat. Bureau of Standards, U. S. Dept. of Commerce.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Prod Co, 3100 S Throop St, Chicago 8, Ill
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dehls & Stein, 237 South St, Newark 5, N J
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Spick Products Co, Athens, N Y
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

DISINFECTANTS, INDUSTRIAL

Products, usually of the coal tar, pine oil or hypochlorite type, used in industrial establishments, packing houses, railroads, etc., for sterilizing, disinfecting and the general maintenance of sanitary conditions.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Ciba Co, 627 Greenwich St, N Y 14
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fine Organics, 211 E 19 St, N Y 3
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Haag Labs, 140 & Seelev Ave, Blue Island, Ill
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Merck & Co, Rahway, N J
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Polarome Mfg Co, 73 Sullivan St, N Y
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Co, 217 New St, Phila 6, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

DISINFECTANTS, PINE OIL

Products formulated with pine oil or pine oil derivatives and used for sterilizing and disinfecting. See Commercial Standard CS69-38, Nat. Bureau of Standards, U. S. Dept. of Commerce.

*Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Central O-D Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crosby Chem, P O Box 32, De Ridder, La
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fine Organics, 211 E 19 St, N Y 3
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

surface activity?

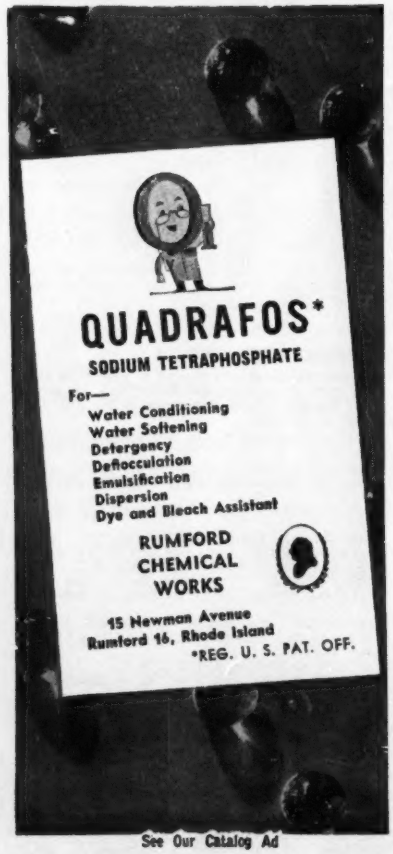
EMULSOL
produces specialized anion, cation or non-ion active agents for

- Emulsifying
- Dispersing
- Wetting
- Cleansing
- Frothing
- Spreading
- Foaming
- Plasticizing
- Solubilizing
- Sanitizing
- Deodorizing
- Penetrating
- Defoaming

Write for our product list

Progress in Surface Active Chemistry

The EMULSOL Corporation
59 East Madison • Chicago 3



See Our Catalog Ad

DISINFECTANTS, PINE OIL, continued

*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
William S Gray & Co, 342 Madison Ave, N Y 17
*Haag Labs, 140 & Seeley Ave, Blue Island, Ill
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pingo Co, 79 Sudbury St, Boston 14, Mass
Republic Chem Corp, 94 Beekman St, N Y 38
*Ritter Chem Co, Amsterdam, N Y
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
Rosenthal Bercow Co, 25 E 26 St, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Spick Products Co, Athens, N Y
*Standard Chem Co, 217 New St, Phila, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Jacques Wolf & Co, Passaic, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

DISINFECTANTS, SEED

Preps. for treating seeds to prevent fungus and other growths and to check "damping-off" of seedlings; are usually complex compounds of mercury, arsenic, and copper; also hydrogen peroxide.

*Antara Chem Div, 435 Hudson St, N Y 14
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

DISODIUM DIHYDROGEN PYROPHOSPHATE see Sodium Acid Pyrophosphate

DISODIUM DIHYDROXYBENZENE DISULFONATE

*Bios Labs, 17 W 60 St, N Y 23
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

DISODIUM ETHYLENEDIAMINE TETRACETATE, DIHYDRATE

$(CH_2COOH)_2NCH_2CH_2N(CH_2COONa)_2 \cdot 2H_2O$. M.W. 372. White crystalline powd. Partial sol. water. Uses—complexing agent for alkali earths and heavy metals.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

DISODIUM METHYL ARSENATE see Arrhenal

DISODIUM MONOMETHYLARSENATE see Sodium Methylarsenate

DISODIUM o-PHOSPHATE see Sodium Phosphate, Di-Sodium

DISPERSING AGENTS, CEMENTS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Glyco Products Co, 26 Court St, Bklyn 2, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Jacques Wolf & Co, Passaic, N J

DISPERSING AGENTS, LEATHER

Products which assist in obtaining a max. degree of particle comminution, prevent the particles from reaggregating, forcing and keeping them apart.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Lignite Products Co, P O Box 5, Ione, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Jacques Wolf & Co, Passaic, N J

DISPERSING AGENTS, PAPER

Substances added to the pulp in the beater to keep foreign articles such as resins in fine suspension, or to paper coating mixtures for the suspension of clay fillers, color pigments, etc., before and during application. Sulfonated oils are commonly used for this purpose.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Johns-Manville, 22 E 40 St, N Y 16
*Kem Products Co, 227-229 High St, Newark 2, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Jacques Wolf & Co, Passaic, N J

DISPERSING AGENTS, PIGMENT

Substances used for dispersing insol. pigments in inks, paints, dye baths, coating mixtures, etc.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alrose Chem Co, Box 1294, Providence 1, R I
American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
*American Lignite Products Co, P O Box 5, Ione, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Johns-Manville, 22 E 40 St, N Y 16
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DISPERSING AGENTS, RUBBER

Preps. employed to assist dispersing rubber compounding materials properly in water or other mixing medium. Should be neutral in action, non-toxic, have no discoloring effect on the finished article, nor any effect on the rate of cure or ageing of the rubber compounds.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Antara Chem Div, 435 Hudson St, N Y 14
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Chem Corp, 120 State St, Clairton, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

DISPERSING AGENTS, TEXTILE

Preps. used din any of the various textile processes to keep dyestuffs, pigments, oils, waxes, foreign particles such as dirt, grease, calcium or magnesium compounds in suspension.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carlisle Chem Works, West St, Reading 15, Ohio
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oil & Chem Products, 295 Madison Ave, N Y 11
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Jacques Wolf & Co, Passaic, N J

DISPERSIONS, NATURAL RESINS AND GUMS

Dispersions of natural resins and gums in various viscosities for adhesives, coatings, saturations and dipping.

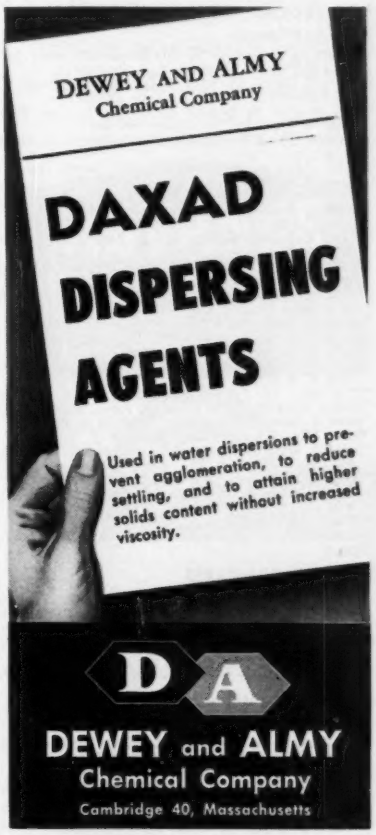
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

DISPERSIONS, PIGMENTS

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromall Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Oil & Chem Products, 295 Madison Ave, N Y 17
*C J Osborn Co, 132 Nassau St, N Y 38
*R-B-H Dispersions Div, 2 Hamilton St, Bound Brook, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17

DISPERSIONS, SYNTHETIC RESINS

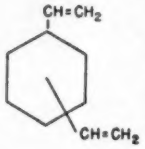
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17





*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

KOPPERS
Divinylbenzene
DVB, 40-50% DVB, 20-25%



● Divinylbenzene is useful as a starting material for the preparation of specialty copolymers and resins. Divinylbenzene is used for the production of "super processing" GR-S synthetic rubbers, for potting and laminating resins, for modified drying oils, for synthetic ion exchange resins, and for making polymer carbon.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

DISPERSIONS, SYNTHETIC RESINS, continued

*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Kromail Chem & Dispersions Corp, 10-12 46 Ave, L I C 1, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*C J Osborn Co, 132 Nassau St, N Y 38
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Belard Vale, Mass

DITHIOCARBAMATES

Metal salts of dialkyl-dithiocarbamic acids. Uses—rubber vulcanization accelerators, oil additives, fungicides.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*John Powell & Co, 1 Park Ave, N Y 16
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa

DITHYMOL DIIODIDE see Thymol Iodide

DI-o-TOLYLGUANIDINE

$NH.C(NH.CrC_7H_7)_2$. White powd. Sp. gr. 1.10. M. P. 179°C. Sol. alcohol, water. Uses—rubber accelerator.
● Pkg—150 lb. drums.

*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del

DIURETIN see Theobromine Sodium Salicylate

DIVI DIVI

Fruit of Caesalpinia copiaria. Habitat—West Indies. Uses—tanning leather. Grades—pods; extract.
● Pkg—bbls.

American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Dalton-Cooper, 200 W 34 St, N Y 1

DIVINYL see Butadiene

DIVINYL BENZENE

$C_6H_4(CH.CH_2)_2$. M.W. 130.60. Tan liq. Uses—cross-linking agent in certain polymers; polymerizes with itself to form tough, insol., infusible resins.
● Pkg—1, 5, 55 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Dow Chem Co, Midland, Mich
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

DODECANOYL PEROXIDE see Lauroyl Peroxide

1-DODECENE

● Pkg—Custom packed.

*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

DODECYLBENZENE

● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Jacques Wolf & Co, Passaic, N J

DODECYL BROMIDE see Lauryl Bromide

DODECYL DISULFIDE, DI-TERT

$(C_{12}H_{25})_2S_2$. M.W. 433.62. B.R. 266-409° C. Uses—chemical intermediate.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

DODECYL IODIDE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

DODECYL MERCAPTAN

● Pkg—70, 375 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Humphrey-Wilkinson, DeVine St, North Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 123 S Broad St, Phila 9, Pa

tert-DODECYL MERCAPTAN

$C_{12}H_{25}SH$. Sp. gr. 0.871 at 60/60°F. B.P. 224-232°C. Purity 97% (hydrocarbon impurity). Suggested uses—organic synthesis; pharmaceuticals, insecticides, fungicides, solvent, polymerization modifiers and as an additive in rubber and plastics.
● Pkg—bottles, 1, 5, 55 gal. drums.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Sharples Chem, 123 S Broad St, Phila 9, Pa.

DODECYLTRICHLOROSILANE

● Pkg—½, 1, 8 lb. bottles, 80 lb. drums.

*Dow Corning Corp, Midland, Mich

DOLOMITE (Bitter Spar, Brown Spar, Rhombic Spar)

$CaMg(CO_3)_2$. White, solid crystalline. Sp. gr. 2.89—2.924. Sol. acids. Uses—mfr. magnesium compounds, potteries, porcelains, glazes for ceramic ware, cement, plaster, brick and building stone, refractory linings for metallurgical furnaces; in fertilizers.
● Pkg—100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
*Moores Lime Co, P O Box 878, Springfield, Ohio
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

DOLOMOL see Magnesium Stearate

DOPES, AIRPLANE

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

DOPES, LACQUER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

DOPES, LEATHER, ARTIFICIAL

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

DRAGON'S BLOOD (Sanguis Draconis)

Resinous exudation from fruit of palm trees. Red, solid amorp., odorless. Natural. M.P. 120°C. Sol. alcohol, ether, volatile and fixed oils, chloroform, etc. Uses—coloring for lacquers, plasters, paper, marble, stoneware, toilet preps., pigments, tanning extracts, tooth-powder, furniture polish, paints, varnishes, lithography, process engraving; in medicine. Grades—tech. (Calamus Draco); reeds; mass; powd.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Philip A Hunt Co, Palisades Park, N J
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

DRAWING COMPOUNDS, INK

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass

DRAWING COMPOUNDS, WIRE

Lubricating agents that increase smoothness and brightness of high carbon steel wires, and prolong life of the dies.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Chem Paint Co, Ambler, Pa
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*W A Wood Co, 40 Oliver St, Boston 10, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

WITCO DRIERS

WITCO
Naphthenic Acid Driers
LEAD COBALT CALCIUM
MANGANESE ZINC IRON

WITCO
Octoic Acid Driers
LEAD COBALT ZINC
CALCIUM

WITALL® (Tall Oil) Driers
LEAD COBALT IRON
MANGANESE

WITCO CHEMICAL COMPANY
260 MADISON AVENUE • NEW YORK 16, NEW YORK
Los Angeles • Boston • Chicago • Houston • Cleveland
San Francisco • Akron • London and Manchester, England

DRESSINGS, BELT

Preps., usually in liq. or stick form to prevent "slipping," to increase and preserve the life of belts, to make them soft and pliable, prevent stretching and in the case of rubber belts from peeling off. Special dressings are made for leather, cotton, and rubber belts.

*Apex Chem Co, 225 W 34 St, N Y 1
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Southern Textile Chem Corp, Clearwater, S C
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y

DRESSINGS, LEATHER

Preps. used to revive color, restore softness and pliability, and to prevent cracking; used on both new and old leather.

*Apex Chem Co, 225 W 34 St, N Y 1
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cole Labs, 42-25 9 St, L I C 1, N Y
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Lloyd Labs, 23 Caller St, Peabody, Mass
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Stewart Chem Products, Longmont, Col

DRESSINGS, RUBBER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Apex Chem Co, 225 W 34 St, N Y 1
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St., Phila 33, Pa

DRIERS, COBALT

Preps of various cobalt oxides added to paint mixtures to accelerate drying of the film, or added during the process of boiling linseed or other paint oils, to increase their drying properties.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa.
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

DRIERS, NAPHTHENATE

Metal salts generally of lead, cobalt, manganese and zinc of cyclo pentyl carboxylic acids. They are used to hasten to drying of paints, printing inks and linoleums and are characterized by extreme compatibility and solubility with the various oils and resins used in those products.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

DRIERS, PAINT AND VARNISH

Materials which hasten the drying period in painting, varnishing, enameling and lacquering operations and usually compounded from resinates of manganese, cobalt, lead and zinc; also borates, oxides, chloride, sulfate and hydrate of manganese; also linoleates and cobalt acetate, and special chemical combinations of lead, cobalt, manganese, and zinc salts with naphthenic acids.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
J M Baird Co, 254 W 31 St, N Y 1
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*J Meyer & Sons, 4321 N 4 St Phila 40, Pa
*National Lead Co, 111 Broadway, N Y 6

DRIERS

Advance

ADVANCE ZIRCO DRIER CATALYST 6% . . .
Biggest event in paint drier development since we pioneered naphthenate driers!
SOLIGEN RARE EARTH NAPHTHENATE 4%
HEXOGEN RARE EARTH OCTOATE 6% . . .
Especially designed as drier catalysts in baked finishes.
SOLIGEN (NAPHTHENATE) DRIERS
HEXOGEN (OCTOATE) DRIERS
ADVASOL (TALLATE) DRIERS
Chemical Specialties for the Protective Coatings Industry

ADVANCE
SOLVENTS & CHEMICAL CORP.
245 Fifth Avenue
New York 16, N. Y.

PAINT DRIERS
Liquid Naphthenates
Solid Naphthenates
Catalox Driers
(2-ethylhexoic type)
Liquid Tallates
Fused Resinates
Solid Oleates
Cobalt Compounds
Blandor (Odorless)
FERRO CHEMICAL CORPORATION
Bedford, Ohio
FERRO

HARSHAW

Driers

A complete line of driers and metallic soaps for the paint, varnish, printing ink, floor covering, and allied industries.

THE HARSHAW CHEMICAL CO.
CLEVELAND 6, OHIO
CHICAGO CINCINNATI DETROIT HOUSTON
LOS ANGELES NEW YORK PHILADELPHIA PITTSBURGH

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

DRUGS
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OILS

INTERNATIONAL
MERCHANTS

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ROSENTHAL BERCOW Co. INC.
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CABLE "RODRUG" N. Y. — ALL CODES

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RAW MATERIALS
for Technical and Industrial Uses

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50 CHURCH ST., NEW YORK 7, N. Y. • TELEPHONE: CORTLANDT 7-1970
735 W. DIVISION ST., CHICAGO 10, ILL. • TELEPHONE: MOHAWK 4-5651

DRIERS, PAINT AND VARNISH, continued

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

DRIERS, PRINTING INK

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl N E, Washington 18, D C
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*J Meyer & Sons, 4321 N 4 St Phila 40, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Senefelder Co, 32-4 Greene St, N Y 13
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

DRILLING COMPOUNDS, METAL

Lubricants employed in machining operations of various kinds.

*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Oakite Products, 19 Rector St, N Y 6
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Sinclair Refining Co, 600 5 Ave, N Y 20
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*W A Wood Co, 40 Oliver St, Boston 10, Mass

DRILLING MUDS, OIL-WELL

Preps. pumped under pressure during rotary drilling to lubricate the drilling and carry back to the surface the earth and rock from the drill.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Maize Products Co, 100 E 42 St, N Y
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*National Lead Co, 111 Broadway, N Y 6
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind

DROP BLACK (Frankfort Black)

Made by calcining sheep bones. Uses—same as Carbon Black. Grades—tech.

C J Osborn Co, 132 Nassau St, N Y 38
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

DRUGS, BOTANICAL

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Bios Labs, 17 W 60 St, N Y 23
Meer Corp, 318 W 46 St, N Y 36
E O Schaeffer Chem Co, 381 4 Ave, N Y

DRY-CLEANING COMPOUNDS

Wide variety of preps. used by the dry-cleaner to remove stains, clean, and otherwise renovate garments, etc. See also Cleaners, Rug; Cleaning Fluids; Pre-Spotters (Dry-Cleaning); Soaps, Dry-Cleaning; Soaps, Rug-Cleaning; Sodas, Modified; Sodas, Textile; Sponging Compounds, Textile; Solvents, Dry-Cleaning; Stiffeners, Textile; Strippers, Dry-Cleaning; Wetting Agents; Carbon, Solvent Recovery, etc.

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Alrose Chem Co, Box 1294, Providence 1, R I
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlantic Refining Corp, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Carlisle Chem Works, West St, Reading 15, Ohio
John A Chew, 60 E 42 St, N Y 17
*Sole Labs, 42-25 9 St, L I C 1, N Y

Meer Corp.
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EXPORTERS
and
PROCESSORS

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Drug Extracts
Gums
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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

DU PONT
REG. U.S. PAT. OFF.

"PERCLENE" Perchlorethylene
"TRICLENE" Trichlorethylene

Nonflammable fluids for all types of textile cleaning.

E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON · DELAWARE

*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Detrex Corp, 14331 Woodrow Wilson Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Scher Bros, 519 Getty Ave, Clifton, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Takamine Lab, 193 Arlington Ave, Clifton, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Wallerstein Co, 180 Madison Ave, N Y 16
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

DRY ICE see Carbon Dioxide

DULCIN (Sucrol, p-Phenetolcarbamide 4-Ethyl-Phenylurea, Valzin)

$C_9H_{12}O_2N_2$. M.W. 180.11. White, lustrous needles, very sweet taste—about 250 times as sweet as cane sugar. M.P. 173-174°C. Sl. sol. water; sol. alcohol, ether. Used for sweeting.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

DUOTAL see Guaiacol Carbonate

DUST LAYERS

Chemicals or compounds which exhibit a binding effect or possess sufficient deliq. powders to absorb moisture from the air, and used on roads, tennis courts, playgrounds, etc. See also Oils, Road; see also Calcium Chloride.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

DUSTING POWDERS, AGRICULTURAL

Various products blown on plants, flowers, vegetables, trees, etc., to kill or control injurious insects and fungi: more commonly employed are dusting sulfurs, arsenicals, pyrethrum and pulverized tobacco. A large number of specially compounded formulas are available for applications to meet specific infestations on particular plants.

*American Colloid Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*California Spray Chem Corp, Lucas & Orthoway, Richmond, Cal
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
Chemical Service Corp, 82 Beaver St, N Y 5
*Chipman Chem Co, Bound Brook, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
Duff Chem Co., 342 Madison Ave, N Y 17
*E I du Pont de Nemours & Co, Grasselli, Wilmington 98, Del
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

DYES, ACETATE

Coal tar dyes especially developed for dyeing acetate silk, which, because it is a cellulose ester, is not dyed by the dyestuffs ordinarily used for cotton or the regenerated types of rayon.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton-Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Joseph Turner & Co, Ridgefield, N J

DYES, ACID

Salts of color acids. Dye animal fibers directly, but do not dye vegetable fibers. Uses—mostly with wool and silk.

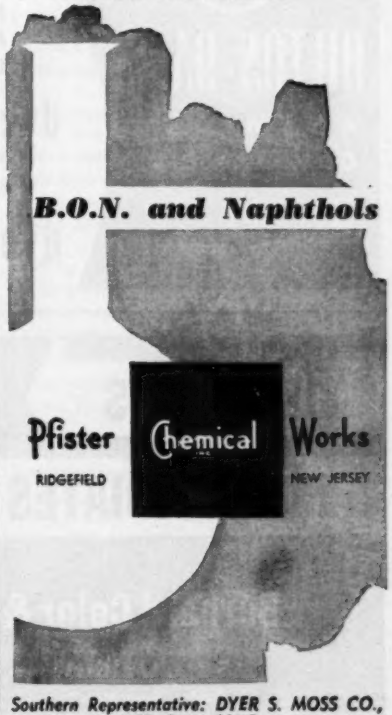
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17

gdc gaf

GENERAL DYESTUFF CORPORATION
435 Hudson Street
New York 14, N. Y.

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The quality of your finished product depends on the integrity of fine materials. Your tests will show that this integrity is inherent in Pfister Naphthols and B.O.N. . . . . insist on Pfister chemicals.



Southern Representative: DYER S. MOSS CO., Charlotte, N. C.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ANILINE DYESTUFFS

ACETATE
ACID
AZO
BASIC
CHROME
DIRECT
SULPHUR
VAT

DYES
FOR
COTTON
LEATHER
PAPER
RAYON
SILK
WOOL



Fallek Products Co., Inc.
163 BROADWAY
NEW YORK 6, N. Y.
Cable Address: "Falcoprod"

DYES, ACID, Continued

*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Edward Mendell Co, 24 W 45 St, N Y 19
National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
Republic Chem Corp, 94 Beekman St, N Y 38
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, ANILINE

Perhaps most important member is aniline black. Largely used on calico printing. Applied generally by either of two methods; oxidation or single bath method.

Allied Raw Materials Co, 38 Park Row, N Y 38
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Augusta Chem Co, P O Box 660, Augusta, Ga
J M Baird Co, 254 W 31 St, N Y 1
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*New York Color & Chem Co, 374 Main St., Belleville 9, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J

DYES, ANTHRAQUINONE

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
*Metro-Atlantic, 2072 Smith St, Centredale, R I
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa.
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
Wilson Organic Chem, P O Box 452, Crossman Rd & Main St, Sayreville, N J
*Zinsser & Co, Hastings-on-Hudson, N Y



HILTON-DAVIS

CHEMICAL COMPANY DIV.
2235 LANGDON FARM RD.
CINCINNATI 13, OHIO

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for the textile industry . . .
ACID & BASIC DYES, NAPHTHOLS, FAST BASES, FAST COLOR SALTS, SPECTROLENES, SPECTROSOLS and ACETATE DYES

dyestuffs
For the Printing Ink, Carbon Paper, Drug & Cosmetic and Leather Industries

dyestuff *intermediates*

DYES, AZO

The important feature of the production of azo dyes is the formation of a diazonium compound from one intermediate, and the coupling of this with another intermediate.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Augusta Chem Co, P O Box 660, Augusta, Ga
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Otto B May, 52 Amsterdam St, Newark 5, N J
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
Joseph Turner & Co, Ridgefield, N J
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J

DYESTUFFS
INTERMEDIATES
"BERNCOLORS"



Bernard Color & Chemical Corp.
Main Offices and Laboratories
335 Hudson Street • New York 13, N. Y.
Cable: "Berncolors" WAtkins 4-5460

DYES, BASIC

Derived from ammonia by replacement of one or more hydrogen atoms of one or more molecules of ammonia with various other elements or groups of elements. Basic in character, hence the name. Combines readily with silk and wool without aid of mordants, producing brilliant shades. Uses—on leather, paper and various textile fibers.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Edward Mendell Co, 24 W 45 St, N Y 19
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Pharma Chem Corp, 175 5 Ave, N Y 10
Scher Bros, 519 Getty Ave, Clifton, N J

DYES, CHROME

Intermediate in character between acid and mordant colors. Resemble acid colors in that they may be dyed directly upon wool in an acid bath and at the same time resemble the mordant colors in that they may be dyed upon metallic mordants. Uses—extensively on men's and women's wear. Possess good fastness to light, acids, washing, perspiration, spotting, etc.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Poughkeepsie Dyestuff Corp, 77 N Water St, Poughkeepsie, N Y
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, COTTON

Dyes for cotton include the direct or substantive dyes which are water sol. products that dye cotton directly without the use of a mordant; the basic dyes which are water sol. dyes but which require that the cotton be first mordanted, usually with tannic acid and antimony salts; the sulfur dyes, insol. in water but sol. in sodium sulfide, from which solution they dye cotton directly; the vat dyes, insol. in water but sol. in caustic soda and sodium hydrosulfite. The vat dye solution possesses a direct affinity for the cotton and, by subsequent oxidation, reproduces the original insol. form of the dyestuff. In general the vat dyes possess the best fastness to washing and light; the direct dyes in general are of moderate to fair fastness to washing and from moderate to very good fastness to light; the basic dyes are poor in light fastness but are extremely bright; more so than any other class of cotton dyes; the sulfur dyes may be considered as being faster than the direct dyes but not as fast as the vats. Many of the direct dyes can be after-treated with metallic salts or with formaldehyde with a consequent increase in fastness either to light or to washing. Another group of direct dyes, commonly called development dyes, are applied in a similar manner to the usual direct dyes but, by subsequent diazotization and development, yield shades rather faster to washing. Another group of dyes for cotton is the Naphthol dyes, generaly of good fastness to light and washing. These dyes are formed directly on the fibre itself.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Augusta Chem Co, P O Box 660, Augusta, Ga
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Dyestuff Co, P O Box 149, Massasoit Ave, E Providence 14, R I
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pfister Chem Works, Ridgefield, N J
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
Scher Bros, 519 Getty Ave, Clifton, N J

CALCO meets all your dyeing and printing needs

Calco offers the textile dyer and printer a complete line of the highest quality dyes developed to give the maximum efficiency and economy in dye applications. Whatever your dyeing needs, Calco can supply them.

Nomenclature	Dye Classification	Use on Fibers Listed
CALCO® DEVELOPER	Developer	Developer for D & D dyes
CALCOCHROME*	Mordant Acid (Chrome)	Leather and wool
CALCOCID*	Acid	Lakes, leather, nylon, silk and wool
CALCODUR*	Direct (Of Superior Light Fastness)	Cotton, linen, paper and viscose
CALCODUR* RESIN FAST	Direct (Of Superior Light Fastness and Fastness to Resin)	Cotton, linen, viscose
CALCOFAST* WOOL	Acid (Metallized)	Nylon and wool
CALCOFLUOR* WHITE	Direct (Fluorescent White)	Cotton, linen, viscose, acetate, nylon, wool and certain synthetics
CALCOFLUOR* YELLOW	Direct (Fluorescent Yellow)	Acetate, nylon and certain synthetics
CALCOFORM®	Direct Formaldehyde	Cotton, linen and viscose
CALCOGENE*	Sulfur	Cotton, linen and viscose
CALCOLOID*	Vat (Highly dispersed)	Cotton, linen, silk, wool and viscose
CALCOMINE*	Direct	Cotton, leather, linen, silk, nylon, paper, union and viscose
CALCOMINE DIAZO*	Direct and Developed	Cotton, leather, linen, silk and viscose
CALCO® MORDANTS	Mordants	Basic dyes
CALCO NAPHTHOSOLS®	Insoluble Azo and Developers	Cotton, linen and viscose
CALCONYL*	Azoic	Printing cotton, linen and viscose
CALCOPAD*	Pigment (Water dispersed)	Padding cotton, linen and viscose
CALCOPHENYL*	Oxidation	Printing acetate, cotton and viscose
CALCO® RAPID	Azoic	Printing cotton, linen and viscose
CALCOSOL*	Vat	Cotton, wool and viscose
CALCO® SOLUBLE VAT	Leuco Vat Esters	Cotton, linen, silk and wool
CALCOSYN*	Directs on Acetate	Cellulose acetate and nylon
CALCOTEX*	Resin Pigment	Printing cotton, linen and viscose
CALCOTONE*	Pigment (Water dispersed)	Cotton, linen, paper and viscose
CALCOZINE*	Basic	Cotton, lakes, leather, paper, silk and viscose
CALCOZOIC*	Azoic	Printing cotton, linen and viscose

*Trade-mark

Calco®

AMERICAN Cyanamid COMPANY
CALCO CHEMICAL DIVISION, DYESTUFF DEPARTMENT
BOUND BROOK, NEW JERSEY
New York • Chicago • Philadelphia • Boston • Charlotte • Providence

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

gdc gaf

GENERAL DYESTUFF CORPORATION

435 Hudson Street
New York 14, N. Y.

SALES OFFICES
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DYES, DIRECT

Dye both animal and vegetable fibers directly; applies mostly to cotton and to some extent to wool and silk.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Dyestuff Co, P O Box 149, Massasoit Ave, E Providence 14, R I
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

DYES, FELT

Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

DYES, FLUORESCENT

*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*Carlisle Chem Works, West St, Reading 15, Ohio
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Edward Mendell Co, 24 W 45 St, N Y 19
*Nova Chem Corp, 153 Waverly Pl, N Y 14
Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

DYES, FUR

Fur dyes, strictly speaking, are not dyes but intermediates, which are applied to the fur and subsequently treated with oxidizing agents and mordants whereby the color is developed.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*Joseph Caspe Inc, 50 Columbia St, Newark 5, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
George J Wiesner Co, 150 Nassau St, N Y 38

DYES, GASOLINE

Special dyes for use in gasoline to indicate presence of a toxic substance, for example, tetraethyl lead or to distinguish a certain brand.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, LACQUER

Dyes sol. in lacquers. By incorporating them, various colored but transparent lacquers are produced. Their use over metal, paper, etc., gives pleasing effects as the transparent lacquer allows the finish of the base material to show through. For suppliers see Dyes, Resins.

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
L J & M La Place, Leliarts Lane, E Paterson, N J
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Patent Chem, 335 McLean Blvd, Paterson 4, N J

DYES, LEATHER

Basic, acid, direct, chrome and developed dyes are used on leather. Basic dyes are used on all types of leather and require a vegetable tannage as a mordant; they are also used for topping acid, direct, chrome and developed dyes, where strength and brightness are required. Acid dyes are used on all classes of leathers and tannages where level dyeing is required. The exceptionally soluble acid dyes are used where penetration is desired, as on suedes which are buffed after dyeing. Acid dyes also are used in finishes for grain leathers and edge inks. Direct dyes are surface dyeing dyes and are used principally on chrome leathers, also in combination with acid dyes and chrome dyes. Chrome dyes are used in the same manner as acid dyes on both chrome and vegetable tanned leathers. Developed dyes are used on chrome tanned leather where very good fastness to washing is required.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiebing Chem Co, 516 S 2 St, Milwaukee 4, Wis
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, MIXED FIBRES, COTTON & RAYON

Cotton dyes, usually the direct or substantive type, are used for dyeing cotton and rayon fabrics. Since both of these fibres consist of cellulose and differ in their affinity for dyestuff, considerable care must be taken to select dyes and to conduct the dyeing operation so that a shade as uniform as possible will be obtained on both fibres.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pfister Chem Works, Ridgefield, N J
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
*Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keene St, Paterson, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, MIXED FIBRES, SILK & RAYON

Fabrics of this nature ordinarily are dyed with a combination of neutral dyeing acid dyes and direct dyes. For suppliers see Dyes, Mixed Fibres, Cotton and Rayon.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, NATURAL

Substances derived from natural sources in contrast with synthetically produced dyes. Employed for special purposes. Produced by some form of extraction, usually water, followed by a concentration. See Annatto, Chlorophyll, Cochineal, Cutch, Fustic, Indigo, Logwood Extract, Madder, Nutgalls, Osage Orange Extract, Quercitron Bark, Turmeric, etc.

American-British Chem Supplies, 180 Madison Ave, N Y 16

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Edward Mendell Co, 24 W 45 St, N Y 19

DYES, NYLON

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, PAPER

Specialized dyes added to the pulp and fixed either by direct absorption or by precipitation. There are three general classifications:—1, Basic dyestuffs (precipitated in combination with acids); 2, Acid dyes (precipitated in combination with certain bases); and 3, the so-called "cotton" dyes which are readily absorbed by the cellulose fibres. Natural Dyestuffs, such as Logwood, Sap Brown, etc., are also used. See also Pigments, Paper; Pigments, Blue, Red, Yellow, Brown; Mineral, Chemical, etc.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass

DYES, PETROLEUM

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foster-Heaton Co, 16 E 5 St, Paterson 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, RAYON

Rayon is dyed using the same dyes as cotton. The direct dyes are used where simplicity of application is desired or where fastness requirements are not severe. Sulfur and, more particularly, vat dyes are used whenever the best fastness is desired.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pfister Chem Works, Ridgefield, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keene St, Paterson, N J
*Joseph Turner & Co, Ridgefield, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, RESIN

Molded plastics are colored with dyes from the various groups, especially selected to withstand the heat and the various chemicals used to disperse or dissolve readily during molding and to possess the necessary fastness properties. Cast resins are dyed with dyes especially selected from the various dye groups in regard to solubility in the resin and ability to withstand the reducing action in the kettle.

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Pharma Chem Corp, 175 5 Ave, N Y 10

DYES, RUBBER

Specialized products in the form of lakes, toners, and vat dyes, and usually marketed as dry powd., or paste or dispersed in rubber as batch colors, prepared so as to be impervious to vulcanization, accelerators, etc.

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
General Dyestuff Corp, Antara Chem Div, 435 Hudson St, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7

DYES, SILK

Silk (as for instance silk hosiery and silk dress goods) is usually dyed with acid or direct dyes. For silk dress goods it often is desirable that the dyes be readily discharged with hydrosulfite in order to produce various patterns.

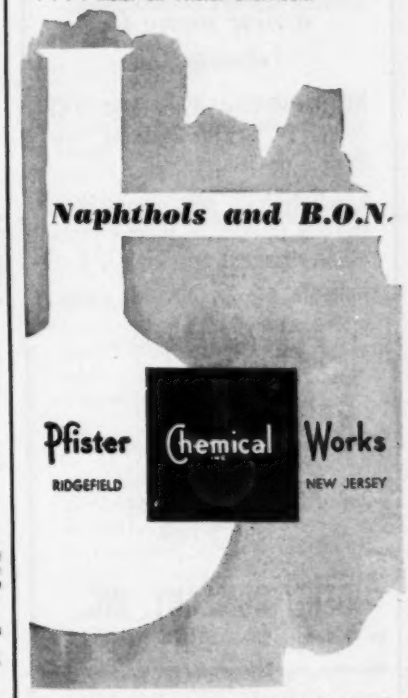
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, SPECK

Speck dyes consist of direct dyes which possess a marked affinity for cotton and other forms of vegetable matter and little if any for wool. They are principally used to cover up specks of cotton, etc., in woolen fabrics without changing the shade of the wool.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I

The quality of your finished product depends on the integrity of fine materials. Your tests will show that this integrity is inherent in Pfister Naphthols and B.O.N. . . . . insist on Pfister chemicals.



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*Company classifies itself as manufacturer or producer of this product
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Chicago 16, Ill.

DYES, SPECK, continued

*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass

DYES, SPIRIT SOLUBLE

This group of dyes is, as the name implies, sol. in alcohol and practically insol. in water. The dyes in this group are used principally for dyeing wood stains, lacquers, etc.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

DYES, STRAW

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*L & R Organic Products Co, 50 White St, N Y 13
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
Republic Chem Corp, 94 Beekman St, N Y 38

DYES, SULFUR

Sol. in sodium sulfide solutions and used extensively for vegetable fibers, which they dye directly.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Augusta Chem Co, P O Box 660, Augusta, Ga
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Industrial Dyestuff Co, P O Box 149, Massasoit Ave, E Providence 14, R I
*L & R Organic Products Co, 50 White St, N Y 13
Edward Mendell Co, 24 W 45 St, N Y 19
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
Seaboard Industries, 195 Keene St, Paterson, N J
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

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Fungicides, Bacteriocides and Algaecides

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DYES, VAT

Dyes both animal and vegetable fibers directly and largely used on cotton, and to some extent on wool; characterized by great fastness. Vat dyes refer to insol. color substances which can readily be converted to a sol. and usually colorless modification through the use of reducing agents.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
General Dyestuff Corp, 435 Hudson St, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

DYES, WOOL

Wool ordinarily is dyed with acid dyes or chrome dyes. The acid dyes are used in piece dyeing ladies' dress goods where brightness of shade, level dyeing, moderate-to-good light fastness are the principal requirements. They are easily and quickly applied. Where particularly good fastness to washing, fulling and light are desired the chrome dyes are used. These are more expensive to apply as they require a longer time than the acid dyes.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
General Dyestuff Corp, 435 Hudson St, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Otto B May, 52 Amsterdam St, Newark 5, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Nova Chem Corp, 153 Waverly Pl, N Y 14
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pharma Chem Corp, 175 5 Ave, N Y 10
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Sagamore Color & Chem Co, 178 Purchase St, Boston, Mass
*Zinsser & Co, Hastings-on-Hudson, N Y

DYHYDRODIKETOANTHRACENE see Anthraquinone

EARTH FLAX see Asbestos

EAU DE JAVELLE see Sodium Hypochlorite

EAU DE LABARRAQUE see Sodium Hypochlorite

EBONY BLACK see Carbon Black

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

EGG YOLK

From yolks of hen's eggs, etc. Orange to yellow, semi-solid. Sp. gr. 0.9516. M.P. 22.0-22.5°C. Solidification point 8-10°C. Iodine number 81.2-81.6. Uses—mfr. food, baked and dairy products, soaps, perfume preps., ointments and emulsions for pharmaceutical purposes; tanning and dressing leather; in medicine. Grades—tech., edible.

T M Duche & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
Standard Chem Co, 217 New St, Phila 6, Pa
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill
O J Weeks Co, 44 N Moore St, N Y 13

ELATERITE see Mineral Rubber

ELAYL see Ethylene

EMBRYO EXTRACTS

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

EMERALD GREEN see Copper Acetoarsenite

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Dark crystalline. Uses—abrasive; grinding and polishing.

L J & M La Place, Leliarts Lane, E Paterson, N J

EMULSIFIERS

Protective colloids which intimately mix and disperse dissimilar materials ordinarily immiscible to produce a stable finished material. Examples of immiscible materials that are emulsified are oil and water, wax and water, and powd., such as abrasives, with either water, wax or oils.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Airose Chem Co, Box 1294, Providence 1, R I
*American Colloids Co, 813 Merchandise Mart Plaza, Chicago 54, Ill
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
W W Angus, 220 Broadway, N Y 38
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Carlisle Chem Works, West St, Reading 15, Ohio
*Ciba Co, 627 Greenwich St, N Y 14
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Continental Chem Co, 195 21 Ave, Paterson, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fallek Products Co, 163 Broadway, N Y 6
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fine Organics, 211 E 19 St, N Y 3
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Hukill Chem Corp, 2533 Broadway, Cleveland 13, Ohio
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

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Glyceryl Monostearate—Acid-Emulsifying. For all greaseless, medicated formulations, anti - perspirant - deodorant creams, lotions, ointments.

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Tegin
Glyceryl Monostearate — Self-Emulsifying. For neutral greaseless creams, lotions, ointments, suntan creams.

Tegin 515
Glyceryl Monostearate — Non Self-Emulsifying. Used in conjunction with other auxiliary emulsifiers.

Tegin P
Propylene Glycol Monstearate —Self-Emulsifying. For greaseless creams—brushless shave, foundation, suntan: lotions — foundation, suntan, cosmetic stockings: ointments.

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Inhibit Rancidity, preserve flavor in edible fats.

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Complete Technical Data on Request

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

gdc ANTARA

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non-ionic and anionic liquids and powders

DETERGENTS
Non-ionic, anionic and cationic liquids and powders

DISPERANTS
non-ionic and anionic liquids and powders

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auxiliaries for use in all phases of textile dyeing

WETTING AGENTS
non-ionic and anionic liquids and powders

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DIVISION OF
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435 HUDSON STREET • NEW YORK 14, NEW YORK

EMULSIFIERS, continued

*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ross & Rowe, 50 Broadway, N Y 4
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Superior Materials, 20 Liberty St, N Y 6
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
R T Vanderbilt Co, 230 Park Ave, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J

EMULSFIERS, EDIBLE

American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
Burtonite Co, P O Box 7, Nutley 10, N J
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Meer Corp, 318 W 46 St, N Y 36
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Aniline Div, 40 Rector St, N Y 6
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
Ross & Rowe, 50 Broadway, N Y 4
*Superior Materials, 120 Liberty St, N Y 6
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill
*Jacques Wolf & Co, Passaic, N J

EMULSIFIERS, INSECTICIDE

*Alrose Chem Co, Box 1294, Providence 1, R I
W W Angus, 220 Broadway, N Y 38
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Grasselli Chem. Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ross & Rowe, 50 Broadway, N Y 4
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

EMULSIFIERS, PARAFFIN WAX

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

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*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alrose Chem Co, Box 1294, Providence 1, R I
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I

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Looking for telephone numbers: See Catalog Section

*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carlisle Chem Works, West St, Reading 15, Ohio
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Ross & Rowe, 50 Broadway, N Y 4
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne Sts, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
Whittaker, Clark & Daniels, 260 Broadway, N Y 13
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

EMULSION STABILIZERS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alrose Chem Co, Box 1294, Providence 1, R I
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*V & E Kohnstamm, 329 Canal St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
*Phenix Foods Co, 500 Pestigo Ct, Chicago, Ill
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ross & Rowe, 50 Broadway, N Y 4
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Fredk A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Superior Materials, 120 Liberty St, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

EMULSIONS, ACRYLIC COPOLYMER

Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 101 Foster St, Peabody, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J

EMULSIONS, ASPHALT

Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
*Armstrong Cork Co, Lancaster, Pa
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa

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Morningstar, Nicol, 630 W 51 St, N Y 19
*Pabco Products, 475 Brannan St, San Francisco, Cal
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

EMULSIONS, POLYSTYRENE

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Bakelite Co, 30 E 42 St, N Y 17
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Dow Chem Co, Midland, Mich
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

EMULSIONS, RESIN

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Polymer Corp, 101 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Bakelite Co, 30 E 42 St, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

EMULSIONS, VINYL

Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Polymer Corp, 101 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hukill Chem Corp, 2533 Broadway, Cleveland 13, Ohio
*Joy Chem, 133 Webster St, Pawtucket, R I
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

EMULSIONS, WAX

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
William Diehl & Co, 330 W 42 St, N Y 36
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Leatex Chemical Co, 2734 N Hancock St, Phila 33, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Wyandotte Chem Corp, Wyandotte, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ENAMEL WHITE see Lithopone

ENAMELS, ACID-RESISTING (Enamels Defined)

Official A.S.T.M. definition "A special kind of paint which flows out to a smooth coat when applied and dries to a smooth, glossy, relatively hard, permanent solid when exposed in a thin film to the air. An enamel always contains a pigment and has considerable hiding power and color. Some enamels dry to a flat or eggshell finish instead of a gloss finish." Specially prepared enamels because of certain ingredients exhibit the characterisic of being very acid resistant.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*David E Long Corp, 220 E 42 St, N Y 17
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, AIR-DRYING

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Doan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ENAMELS, ALUMINUM

Enamels formulated with aluminum paste or powder and used extensively as a sealer; for application to metal and wood surfaces of all kinds (both interior and exterior) etc.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Hummel Chem Co, 90 West St, N Y 6
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, ANTI-RUST

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Ruberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, BAKING

Baking enamels formulated largely with modified alkyd resins of the oxidizing types, or combinations of alkyd resins with oil-modified phenol aldehyde resins, vinyl resins, etc., are being used widely in the finishing of automobiles, furniture, etc. Such baking enamels usually require from 45 minutes to 60 minutes at 200°F. to 350°F. for drying to a hard thoroughly dried film.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, BITUMINOUS

Coating formulated with bituminous materials and finding wide variety of uses, particularly for waterproofing and where resistance to alkalies and acids is essential.

*Barrett Div, 40 Rector St, N Y 6
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ENAMELS, BREWERS

Enamels, largely formulated with heat reactive phenolic solutions, used on the inside of beer drums and tanks containing alcoholic beverages, as a protective coating. Must not be sol. even to the slightest degree, in alcohol, and must not impart any taste, odor or flavor to the contents.

*Dehls & Stein, 237 South St, Newark 5, N J
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, CHLORINATED RUBBER

*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, CONCRETE

Specially formulated enamels for application to concrete, masonry, brick, etc., to give semi- or full-gloss finish and a protective coating. Should be particularly impervious to water acids, alkalies, etc. Largely used on concrete floors. Should wear well, should not crack or chip and should stand up under repeated washings. Some products in this classification are formulated with a rubber base.

*Adelphia Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
Huntington Labs, E Tipton St, Huntington, Ind
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, DIPPING

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, EGG SHELL FINISH

Special enamels which do not have the usual high gloss finish characteristic of ordinary enamels, but do give a semi-gloss. Largely used for decorative purposes where a flat paint or a high gloss enamel is undesirable.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steel Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, FLAT

Specially formulated enamels which dry to a dull instead of the usual gloss finish.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, FURNITURE

Special enamels in wide variety of color used for decorating furniture, etc. Usually a baking or spraying type is employed industrially.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-436 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Calif
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ENAMELS, GLASS

Pigmented finely ground glasses, usually melting between 540 and 600°C. Used for coloring the entire surface of glassware or decorating glassware with colored designs.

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

ENAMELS, METAL

Coatings specially formulated for application to metal surfaces. Should have special bonding properties. Usually supplied for baking, spraying, or brushing application.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Lacquer Specialties, 249 Avenue P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, OIL-PROOF

Finishing enamels, oil resistant and usually also water, alkali, and heat resistant, finding wide application on motor frames, housings, engines, and all types of metal products. They are produced either for baking, for spraying, dipping or brushing. See also Varnishes, Engine.

*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, PIPE-LINE

Enamels made with an asphalt or tar base and often reinforced with asbestos fillers.

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Barrett Div, 40 Rector St, N Y 6
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

ENAMELS, PORCELAIN

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*J Landau Co, 221 Wooster St, N Y 12
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17

ENAMELS, REFRIGERATOR

Enamels with strong adhesion, flexibility, heat resistance, etc., used in place of vitreous enamels for coating refrigerators, range and stove parts; supplied for wood or metal and for air dry or bake.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Celanese Corp of America, 180 Madison Ave, N Y 16
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

ENAMELS, RESIN BASE

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, STOVE

Products which produce a black, high gloss enamel finish on stove-pipes and other metal finishes, dry without disagreeable odor and resistant to the action of heat. Term also designates enamels used in finishing operations in stove factories. See Enamels, Porcelain.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

ENAMELS, SYNTHETIC

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-436 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, THERMOPLASTIC

Specialized enamels compounded with synth. heat-setting resins, resistant to many corrosive solvents, oils, minerals, or organic acids, alkalies, etc.

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, WIRE

*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*General Elec, Chem Div, Pittsfield, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

ENAMELS, WRINKLY

Specially formulated products which when baked from 10 to 20 minutes in an oven in which the gases of combustion are retained, develop a uniform wrinkly texture or stipple finish.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

ENGLISH WHITE see Calcium Carbonate

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ENZYMES

Catalysts of organic and usually colloid nature having a specific action. They are formed by living cells but are usually independent of the presence of the latter in their operation. Uses—produce hydrolysis (decomp fats, convert aldehydes into a mixture of acid and alcohol, invert sugars, digest proteins), coagulate (clot blood, curdle milk), reduce or decomp. (lactic acid and alcohol fermentations), oxidize (convert alcohol into acetic acid.)

● Pkg—50 gal. bbls., drums.

*Bios Labs, 17 W 60 St, N Y 23
*Emkay Chem Co, 319 2 St, Elizabeth, N J
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis
*S B Penick & Co, 50 Church St, N Y 7
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Seaboard Industries, 195 Keen St, Paterson, N J
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Takamine Lab, 193 Arlington Ave, Clifton, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Vita-Zyme Labs, 546 W Washington Blvd, Chicago 6, Ill
*Wallerstein Co, 180 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

EPHEDRINE HYDROCHLORIDE

$C_{10}H_{15}ON \cdot HCl$. M.W. 201.57. White, odorless, needles or powd. M.P. 214°C. Sol. water, alcohol. Used medicinally as a mydriatic and in ophthalmology as an atropine substitute.

● Pkg—25, 50, oz. bottles, 100 oz. drums.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe, 76 9 Ave, N Y 11

EPICHLOROHYDRIN (Chloropropylene Oxide)

$CH_2Cl.CHO.CH_2$. M.W. 92.52. Colrl. liq. Miscible alcohol, ether. B.P. about 117°C. Uses—solvent for resins. mfr. intermediates, lacquer for negatives, solvent for nitrocellulose. mfr. Zapon and other lacquers, cement for cellulose, test for nicotine (Meizer).

● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Co, P O Box 85, E Rutherford, N J
*Shell Chem Corp, 50 W 50 St, N Y 20

EPINEPHIRINE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Blackman Brands, Wesley St, S Hackensack, N J
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Purocaine Inc, Valley Rd, Hockessin, Del
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

EPOXYPROPANE see Propylene Oxide

1,2-EPOXYETHYLBENZENE see Styrene Oxide

EPSILON CAPROLACTAM

● Pkg—Drums, cans.

*Bios Labs, 17 W 60 St, N Y 23
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
Henley & Co, 801 2 Ave, N Y 17
Mercer Chem Corp, 11 Mercer St, N Y 13

ERGOSTEROL

$C_{27}H_{42}O$. M.W. 382.61. White, crystalline solid. M.P. 160-163°C. Sol. in common organic solvents, but insol. in water. One of the sterols important in the synthesis of biologicals.

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Dawe's Labs, 4800 S Richmond, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Sterone Corp, 250 W 57 St, N Y 19

ESCULIN (Aesculin, Aesculinic Acid, Anallachrom, Polychrom, Bicolorin)

$C_{15}H_{16}O_9$. M.W. 340.20. A glucoside from the seeds of the horse chestnut. White colorless needles, sl. sol. water; readily sol. alcohol or alkalis, giving fluorescent solutions. Used medicinally as an antimalarial, and in ophthalmology.

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Inland Alkaloid Co, Tipton, Ind
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Roussel Corp, 155 E 44 St, N Y 17

ERYTHRENE see Butadiene

ESSENCE OF MIRBANE see Nitrobenzene

ESSENCE OF NIOBE see Methyl Benzoate

ESTERS

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bios Labs, 17 W 60 St, N Y 23
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Evans Chemetics, 250 E 43 St, N Y 17
*Fritzsche Bros, 76 9 Ave, N Y 11
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
George Lueders & Co, 427 Washington St, N Y 13
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

New "BIOS" Chemicals

ENZYMES

Aldolase	Lipase
Amylase	Lysozyme
Amylopsin	Maltase
Catalase	Malt Diastase
Cellulase	Papain
Cocarboxylase	Pectinase
Coenzyme I	Penicillinase
Cytochrome C	Pepsin, cryst.
Desoxyribonuclease	Phosphatase
Emulsin	Phosphorylase
Enterokinase	Protease
Erepsin	Proteolytic Enzymes
Glucuronidase	Rennin
Hemicellulase	Ribonuclease
Hexokinase	Trypsin, cryst.
Hyaluronidase	Urease
Insulin, cryst.	Uricase

Over 5,000 Chemicals in Stock!

BIOS Laboratories, Inc.
17 West 60th St. New York 23 N. Y.
Plaza 7-8171

ESTERS

Ethyl Acetate, Isopropyl Acetate, n-Butyl Acetate, Methyl CELLOSOLVE Acetate, Methyl Amyl Acetate, CELLOSOLVE Acetate, 2-Ethylhexyl Acetate, CARBITOL Acetate, Butyl CARBITOL Acetate, Glycol Diacetate, Methoxy Triglycol Acetate, Ethyl Formate, Glycol Diformate, n-Butyl Benzoate, Diethyl Sulfate, Ethyl Acetoacetate, Sucrose Octa Acetate, Vinyl Acetate, Ethylene Carbonate, Ethyl Beta-Ethoxypropionate, Ethyl Silicate, Allylidene Diacetate, Isopropenyl Acetate, Ethyl Acrylate, several higher vinyl esters and Diethyl, Dibutyl, and Di-2-ethylhexyl maleates are supplied by Carbide.

CARBIDE AND CARBON CHEMICALS COMPANY

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"Cellosolve" and "Carbitol" are registered trade-marks of UCC.

*Company classifies itself as manufacturer or producer of this product
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Outstanding in medicine, industry, control and research laboratories.

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ETHYL ETHER

Clear colorless extremely volatile liquid with ethereal odor. An excellent solvent for many organic compounds. Used in the extraction of fats, oils and alkaloids, and in the recovery of acetic acid from dilute water solutions. With alcohol it is an excellent solvent for nitrocellulose. Source for pure ethylene.

Write or phone for further information

Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

WITCO ESTERS—PLASTICIZERS

- Butyl Oleate
- Butyl Stearate
- Dibutyl Adipate
- Dibutyl Phthalate
- Di-Iso-Octyl Phthalate
- Dioctyl Adipate
- Dioctyl Phthalate

WITCO CHEMICAL COMPANY
260 MADISON AVENUE, NEW YORK 16, N. Y.
Los Angeles • Boston • Chicago • Houston • Cleveland
San Francisco • Akron • London and Manchester, England

ESTERS, continued

*Sharples Chem, 123 S Broad St, Phila 9, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Witco Chem Co, 260 Madison Ave, N Y 16

ESTRADIOL

$CH_3C_{17}H_{19}(OH)_2$. M.W. 272.36. White cryst. M.P. 175°C. Sol. water, ether, alcohol. Uses—estrogenic hormone, pharmaceuticals.
● Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Organics, Inc, 1724 W Greenleaf, Chicago 26, Ill
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Tuteur Bio-Chem, 52 Wall St, N Y 5

ESTROGENIC SUBSTANCES

● Pkg—Custom packed.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
City Chem Corp, 132 W 22 St, N Y 11
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Nepera International Corp, 37 Wall St, N Y 5
*Organics, Inc, 1724 W Greenleaf, Chicago 26, Ill
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Tuteur Bio-Chem, 52 Wall St, N Y 5

ETCHING COMPOUNDS

Products applied to glass to produce a frosted effect (sometimes termed matted or satin finish): by varying strength and duration of the frosting bath, various effects from a smooth satin finish to a dense white sandpaper-like finish are possible; by covering certain parts with suitable stencils, etc., designs are thus produced.

*Enthone, 442 Elm St, New Haven, Conn
*Klem Chem, 14401 Lanson, Dearborn, Mich
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*McKay Chem Co, 880 Pacific St, Bklyn 17, N Y
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Stewart Chem Products, Longmont, Col

ETHAL see Alcohol, Cetyl

ETHANE

C_2H_6. M.W. 30.05. Saturated hydrocarbon of the methane series, a colorless gas. d (air = 1) = 1.049. F.P. 172°C. Sl. water, alcohol, ether Uses—to enrich illuminating gas.
● Pkg—Cylinders.

Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ETHANETRILE see Acetonitrile

ETHANOL see Alcohol, Ethyl

ETHANOYL CHLORIDE see Acetyl Chloride

ETHENE see Ethylene

ETHENYL CHLORIDE see Vinyl Chloride

ETHER (Sulfuric Ether, Anaesthesia Ether, Ethyl Ether, Vinic Ether)

$(C_2H_5)_2O$. M.W. 74.08. Colorless, inflammable, volatile liq., pleasant aromatic odor. Sp. gr. 0.714. M.P. —116.2°C. B.P. 34.5°C. F.P. below 10°F. Sol. water, alcohol, benzene, chloroform. Wt. per gal. at 25°C. 5.90 lbs. (approx.). Uses—mfr. intermediates, organic chemicals, rayon, pyroxylin products; solvent dyes, fats, oils, gums, waxes, resins, alkaloids, nitrocellulose, collodion, perfumes and smokeless powd.; solvent in chemical processes; alcohol denaturant; laboratory reagent; extracting fats, oils, gums, resins; gasoline engine primer; in medicine. Grades—U.S.P.; C.P.; conc.; U.S.P. for anaesthesia U.S.P. 1880; washed; anhydrous; motor. (Anaesthesia unfit for use after 24 hrs. exposure to air).
● Pkg—30, 300 lb. drums.

American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Enjay Co, 15 W 51 St, N Y 19
Esor Chem Co, 205 E 42 St, N Y
Howe & French, 99 Broad St, Boston, Mass
*Industrial Minerals, York, S C
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Schoille Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHER, ALLYL

$(CH_2CHCH_2)_2O$. M.W. 98.08. Colorless liq. B.P. 94°C. Insol. water; miscible ether, alcohol.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ETHER, AMYL

Mixture of di-isomyl ether and di-n-amyl ether, with formulas a. $(CH_3.CH_2.CH_2.CH_2CH_2)_2O$. b. $[(CH_3)_2.CH.CH_2.CH_2]_2O$. B.P. a. 190°C; b. 172°C. Clear or light yellow liq. Sp. gr. (20°C.) 0.805. Distillation—initial above 170°C 90% below 200°C, final not above 230°C. Wt. per gal., 6.5 lbs. Insol. water, miscible with ether. Uses—as a solvent.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 123 S Broad St, Phila 9, Pa

ETHER, ANAESTHESIA see Ether

ETHER BROMIC see Ethyl Bromide

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

n-ETHER, BUTYL (Butoxybutane, Butyl Oxide, Dibutyl Ether)

$C_4H_9OC_4H_9$. B.P. 140.9°C. Sp. grv. 0.769. Colorless, stable liq. Miscible most organic solvents; practically insol. water. Forms explosive peroxides. Uses—extracting agent; solvent for gums, resins, oils, organic acids, esters and alkaloids; purifier for other solvents. ●Pkg—1 gal. cans, 5, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ETHER, CINNAMIC see Ethyl Cinnamate

ETHER, DIBENZYL (Benzyl Ether)

$(C_6H_5CH_2)2O$. Colorless oil. Dens., 1.0428; M.P. 4-5°C. B.P. 295-8°C. Sol. alcohol, ether; insol. water. Uses—plasticizer for synth. rubber, in organic syntheses; laboratory reagent. ●Pkg—50 lb. tins, 450, 475 lb. drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1

ETHER, DIBUTYL see Ether, n-Butyl

ETHER, 2,2'-DICHLORDIISOPROPYL see Ether, Dichloroisopropyl

ETHER, DICHLOROETHYL

$ClCH_2CH_2OCH_2CH_2Cl$. M.W. 143. Chloroform-like odor. Uses—soil fumigation, insecticide; solvent; in textile processes where high temp. are necessary.

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md

ETHER, DICHLOROISOPROPYL (2,2'-Dichlordiisopropyl Ether)

$ClCH_2(CH_3)CHOCH(CH_3)CH_2Cl$. M.W. 171. High boiling liq. Uses—in textile processes where high temp. are necessary; solvent; intermediate in mfr. of dyes, resins, certain pharmaceuticals.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

ETHER, DIETHYLENE GLYCOL MONOBUTYL (Butyl Carbitol)

$C_4H_9OCH_2CH_2OCH_2CH_2OH$. M.W. 162.14. B.P. 231.2°C. Sp. gr. 0.9553. Colorless, practically odorless liq. Sol. water, oils. Uses—solvent for nitrocellulose, hydroxylin lacquers, dopes, pyroxylin plastics, printing inks, resins, soaps, oils; mfr. specialty soaps and textile oils.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y

ETHER, DIETHYLENE GLYCOL MONOETHYL (Carbitol)

$CH_3OH.CH_2OCH_2CH_2OC_2H_5$. Colorless liq. B.P. 201.9°C. Sol. alcohol, ether. Uses—mfr. cellulose ester varnishes, plastics; as solvent. Grades—tech.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y

ETHER, DIETHYLENE GLYCOL MONOMETHYL (Methyl Carbitol)

$CH_3OCH_2CH_2OCH_2CH_2OH$. M.W. 120.09. B.P. 193.2° C. Sp. gr. 20/20°C. 1.030 to 1.040. Odor, mild, non-residual. Water-white liq.; miscible with usual organic solvents, sol. in water. Wt. per gal., 8.61 at 20°C. Uses—solvent for resins, cellulose acetate, nitrocellulose, refined castor oil, shellac, ester gums, waxes, lacquers; mfr. wood stains, cosmetics, textile dyestuffs, printing inks and pastes.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHER, DIMETHYL (Methyl Ether, Methyl Oxide, Wood Ether, Methoxymethane)

CH_3OCH_3. Colorless gas. Dens., 2.091g/1; M.P. -138.5; b.p. -23.65. Sol. water, alchol, ether. Uses—refrigerant; solvent; extraction agent; propellant for sprays.

*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del

ETHER, ETHYL see Ether

ETHER, ETHYLENE GLYCOL DIETHYL

Colorless liq. with sl. ethereal odor. Sol. in water. Uses—mutual solvent for oil and water combinations, in detergents and wetting agents. May be used as inert reaction medium.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHER, ETHYLENE GLYCOL MONOBUTYL (Butyl Cellosolve)

$OHCH_2CH_2OC_4H_9$. Liq. Sp. gr. .9017 at 20/20. B.P. 170.6°C. Sol. alcohol ether. Uses—solvent in paints, varnishes, lacquers, plastics. Grades—tech.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

ETHER, ETHYLENE GLYCOL MONOETHYL (Cellosolve)

$OHCH_2.CH_2OC_2H_5$. M.W. 90.08. Liq. Sp. gr. .9311 at 20/20°C. B.P. 135.1°C. Sol. alcohol and water, ether. Uses—solvent in paints, varnishes, plastics; also a dye solvent. Grades—tech.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

ETHER, ETHYLENE GLYCOL MONOMETHYL (Methyl Cellosolve)

$CH_3OCH_2CH_2OH$. M.W. 76.06. B.P. 124.3°C. Water-white liq. Sp. gr. 0.9660 at 20/20°C. Wt. per gal. 8.1 lbs., at 20°C. Uses—solvent for low viscosity cellulose acetate, nitrocellulose; with petroleum hydrocarbons provides thinner for certain varnishes; solvent for dyes; sealing moisture-proof transparent wrapping; in dry cleaning soaps.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y

ETHER, ETHYLENE GLYCOL MONOPHENYL

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Legion Chem, 70 Wall St, N Y 5

ETHER HEXYL (n-Hexyl Ether)

$C_6H_{13}OC_6H_{13}$. M.W. 186.33. Mild-odored, stable liq. Sp. gr. 0.7942. B.P. 226.2°C. Uses—medium for chemical reactions which are carried out in strict ethereal vehicle. Also useful as component of foam breakers.

Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ETHER, HYDRIODIC see Ethyl Iodide

ETHER, HYDROCHLORIC see Ethyl Chloride

ETHER, ISOPROPYL

$(CH_3)_2CH\text{-}O\text{-}CH(CH_3)_2$. Colorless liq. of ethereal odor. B.P. 67.5°C. Commercial product is sol. in water to extent of 0.65% by volume at 25°C, while water is sol. in it to the extent of 0.025 % at hte same temp. Sp. gr. .07258 at 20/20°C. Uses—solvent for animal, vegetable and mineral oils, fats, waxes and resins; conc. of organic acids by extraction; oil dewaxing.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
William S Gray & Co, 342 Madison Ave, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J

ETHERS AND OXIDES

SOLVENTS: Ethyl Ether, Isopropyl Ether, n-Butyl Ether, Ethyl n-Butyl Ether, n-Hexyl Ether, 2-Ethylhexyl Ether, Dioxane, Diethyl CARBITOL, n-Butyl Ethyl CELLOSOLVE, Dibutyl CELLOSOLVE, Dibutyl CARBITOL, Dibutoxy Tetraglycol and alpha-Methyl Benzyl Ether.

VINYL ETHERS: Vinyl Methyl Ether, Vinyl Ethyl Ether, Vinyl Butyl Ether, Vinyl Isobutyl Ether, Vinyl 2-Ethylhexyl Ether, Vinyl 2-Methoxyethyl Ether, Vinyl Butyl CELLOSOLVE, and Vinyl Trimethylnonyl Ether.

CHEMICAL RAW MATERIALS: Ethylene Oxide, Propylene Oxide.

CARBIDE AND CARBON CHEMICALS COMPANY

A Division of

Union Carbide and Carbon Corporation
30 E. 42nd St. UCC New York 17, N. Y.

In Canada: Carbide and Carbon Chemicals, Ltd.

"Cellosolve" and "Carbitol" are trade-marks of UCC.

ISOPROPYL ETHER

Clear colorless liquid with ethereal odor. It has a higher boiling point and a lower vapor pressure than ethyl ether and acetone. Excellent solvent for animal, vegetable and mineral oils, fats, waxes and resins. Because of solvent and low vapor pressure properties it is valuable as an extracting agent. Other uses are: partial solvent for oil soluble dyes, ethyl cellulose solvent, and with alcohol in the formulation of nitrocellulose lacquers.

Write or phone for further information
Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Eastman

ethyl acetate

This fast-evaporating Eastman solvent is excellent for use in lacquers, varnishes, paints and pyroxylin plastics. It also finds wide use as a pharmaceutical and chemical intermediate.

Normal denaturant is ST-115 with special denaturants supplied on request. Sold in drums, and in compartmented and full tank cars.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

ONE OF THE WORLD'S LARGEST PRODUCERS OF ALCOHOLS & SOLVENTS

For Ethyl Acetate call

PUBLICKER INDUSTRIES INC.
1429 WALNUT STREET, PHILADELPHIA 2, PA.

ETHER, ISOPROPYL, continued

Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

ETHER, LACTIC see Ethyl Lactate

ETHER, METHYL see Ether, Dimethyl

ETHER, METHYL PHENYL see Anisole

ETHER, MONOCHLORACETIC see Ethyl Monochloroacetate

ETHER, MURIATIC see Ethyl Chloride

ETHER, b-NAPHTHYL ETHYL see Nerolin

ETHER, b-NAPHTHYL METHYL see Yara Yara

ETHER, NITRIC see Ethyl Nitrate

ETHER, OXALIC see Ethyl Oxalate

ETHER, PETROLEUM see Benzine

ETHER, PHENYL ETHYL see Phenetole

ETHER, PROACETIC see Acetone

ETHER, PROPIONIC see Ethyl Propionate

ETHER, PROPYLENE GLYCOL METHYL

American Mineral Spirits Co, 155 E 44 St, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I

ETHER, SULFURIC see Ether

ETHER, VALERIC see Ethyl Valerate

ETHER, VINYL n-BUTYL

$CH_2CHOC_4H_9$. M.W. 100.16. Liq. B.P. 94.1. F.P. —112.7°C. Sl. sol. water. Uses—polymerization intermediate.

*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL CHLOROETHYL

$CH_2CHOCH_2CH_2Cl$. M.W. 106.58. Liq. B.P. 108.9. F.P. —70.3. Sl. sol. water. Uses—polymerization and copolym. interm.

Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL ETHYL

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL ETHYLHEXYL

Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL ISOBUTYL

*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL METHOXYETHYL

Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHER, VINYL METHYL

*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14

ETHER, WOOD see Ether, Dimethyl

ETHERIN see Ethylene

ETHINE see Acetylene

ETHOCAINE see Procaine Hydrochloride

p-ETHOXYACETANILID see Acetophenetidin

ETHOXYDIGLYCOL Phthalate

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

ETHOXY SILANE

*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

ETHYL, ABSOLUTE

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Eastman Chem Products, Kingsport, Tenn
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYL ACETATE (Acetic Ether, Aether Aceticus, Vinegar Naphtha)

$CH_3COOC_2H_5$. Colorless, inflam. liq., fragrant odor. Sp. gr. 0.9003. M.P. —82.4°C. B.P. 77.15°C. Sol. water, alcohol, chloroform, ether. Uses—mfr. synth. dyes, drugs and perfumes, intermediate chemicals, artificial horse hair for brushes, phosgene gas; solvent for pyroxylin and nitrocellulose plastics, organic chemicals, acetoacetic ester, of nitrocellulose in artificial leather, artificial fruit flavors, smokeless powd., nitrocellulose varnishes, paints and dopes, perfumes, photographic films and plates, rayon; cleaning textiles; in medicine. Grades—pure anhydrous refined (various grades), tech.
● Pkg—1 gal. bottles, 1, 5, 30, 54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co. 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
*Howe & French, 99 Broad St, Boston, Mass
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Publicker Industries, 1429 Walnut St, Phila, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sand, 37-02 Northern Blvd, L I C 1, N Y
*White Cross Labs, 79 Wall St, N Y

ETHYL ACETOACETATE (Diacetic Ester, Acetoacetic Ester)

$CH_3COCH_2COOC_2H_5$. Colorless or slightly yellowish liq. fruity odor. Sp. gr. 1.025. B.P. 94°C (34 mm). Sol. benzene, chloroform, alcohol; sl. sol. water. Uses—mfr. antipyrine, intermediates, organic chemicals, ionone and other synth. perfumes. Grades—tech.
● Pkg—1, 5, 55 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYL ACETYLENE (1-Butyne)

$C_2H_5C{\equiv}CH$. M.W. 54.09. Colorless gas. Uses—organic syntheses.
● Pkg—Pint, quart, 1, 5, 16, 28 gal. cylinders.

*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

ETHYL ACID PHOSPHATE (Monoethyl Acid Phosphate)

$C_2H_5H_2PO_4$. M.W. 126. Specific Gravity 1.430 (25°C.). Refractive index 1.427 (ND). Decomposition point 165-170°C. Sol. in water, alcohol, acetone, ether, and naphtha. Insol. in toluene and CCl_4. and naphtha. insol. in toluene and CCl_4.
● Pkg—13 gal. carboys, 575 lb. drums.

*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ETHYL ACRYLATE

$CH_2{:}CHOOC_2H_5$. M.W. 100. B.P. 99.5°C. Uses—polymerization, chemical intermediate.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ETHYL AMINE (Amidoethane, Aminoethane)

$C_2H_5NH_2$. M.W. 45.06. Colorless liq. with NH_3 odor. Sp. gr. 0.689 (15°C.). B.P. 16.6°C. Sol. alcohol, ether, water. Uses—mfr. intermediates, dyes; in electroplating.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa

ETHYL p-AMINOBENZOATE (Benzocaine, p-Aminobenzoic-Acid Ethylester, Anaesthesin)

$NH_2C_6H_4.CO_2C_2H_5$., M.W. 165.19. White, odorless, tasteless crystals or crystalline powder. Insol. water, Sol. alcohol, ether. Uses—medicine.
● Pkg—1, 5, lb. tins, 25, 100 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane's Chem Works, 677 5 Ave, N Y 22
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Frank Samuel & Co, 24 State St, N Y 4
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ETHYL ANILINE

$C_6H_5NHC_2H_5$. M.W. 121.09. Colorless liquid. M.P. —63.5°C. B.P. 204.72°C. Insol. water; sol. alcohol.
● Pkg—Drums.

*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

ETHYL ANTHRANILATE

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Hilton-Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y

ETHYL, BENZENE

$C_6H_5(C_2H_5)$. B.P. range 134.8-138.0°C. at 760 mm.; sp. gr. 0.866 at 25/25°C.; dielectric constant 234; flash pt. 20°C.; fire pt. 21°C. Uses—organic synthesis, solvents for plastics, resins.
● Pkg—Bottles, 1, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

ETHYL BENZOATE (Benzoic Ether)

$C_6H_5.COOC_2H_5$. M.W. 150.08. Clear, colorless refractory, aromatic liq. Sol. alcohol, ether, chloroform, petroleum ether; also insol. water. B.P. 213.2°C. Sp. gr. 1.047. Uses—mfr. perfumes.
● Pkg—45 lb. tins, 475 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

ETHYL o-BENZOYL BENZOATE

$C_6H_5COC_6H_4COOC_2H_5$. M.P. 56-58°C. B.P. 325°C. at 760 mm. White crystalline solid, practically odorless, colorless, and non-volatile at ordinary temperatures. Insoluble water; very soluble most organic solvents, including alcohol, acetone, ethyl acetate, benzol. Uses—as a plasticizer.
● Pkg—425, 450 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHYL BENZYL ANILINE

$C_6H_5N(C_2H_5)CH_2C_6H_5$ Colorless liq. Sp. gr. 1.034 B.P. 286°C. Sol. alcohol, ether. Uses—mfr. intermediates, organic chemicals, dyes. Grades—tech.
● Pkg—900 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

ETHYL BORATE (Triethyl Borate, Triethoxyboron)

$B(OC_2H_5)_3$. M.W. 146.00. Colorless liquid. Density @ 26.5°C. 0.864. B.P. 120°C. Decomposes in water. Sol. alcohol, ether.
● Pkg—55 gal. drums.

*Anderson Labs, Weston, Mich
J M Baird Co, 254 W 31 St, N Y 1

ETHYL BROMIDE (Bromic Ether, Bromomethane, Ethyl Hydrobromic, Monobromoethane)

C_2H_5Br. Colorless, inflam., volatile liq. Sp. gr. 1.450. B.P. 38°C. (15°C.). Sol. alcohol, ether; sparingly sol. water. Uses—mfr. intermediates, organic chemicals, synthetic dyes, drugs and perfumes; as refrigerant; in medicine. Grades—tech.
● Pkg—5, 13 gal. carboys, 5, 10, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

ETHYL m-BUTYL ETHER

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ETHYLBUTYL KETONE

$C_6H_5COC_4H_9$. M.W. 114.18. Water-white liq. B.P. 147.8. F.P. —36.7. Sl. sol. water. Uses—solvent for pharmaceuticals, applications; dewax. lubricat. oils and natural gums; chemical intermediate.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

2-ETHYLBUTYRALDEHYDE

$C_6H_{12}O$. M.W. 100.16. Colorless liq. B.P. 116° C. Sp. gr. 0.8164 (20°C). Insol. in water. Uses—mfr. pharmaceuticals, rubber accelerators, and synth. resins; starting compound in organic syntheses.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHYL BUTYRATE

$C_3H_7COOC_2H_5$. Water-white liq. B.P. 121.3°C. Sp. gr. 0.879. Miscible alcohol, ether, insol. water. Uses—mfr. perfumery and flavors.
● Pkg—Custom packed.

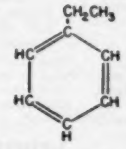
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y

ETHYL CARBAMATE see also Urethan

$NH_2CO_2C_2H_5$. Colorless needles. Sp. gr. 0.986 at 20°C; M.P. 49°C; B.P. 184°C. Sol. water, alcohol, ether. Uses—in medicine, organic synthesis.
● Pkg—25 lb. drums.

*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

KOPPERS
Ethylbenzene



● A clear, water-white, liquid aromatic hydrocarbon of high purity. Its solvent properties are similar to those of xylene. Used for the production of styrene monomer and the chlorostyrenes, as a solvent and as an organic chemical intermediate.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

AMINES
ETHYLAMINES
Butylamines — Isobutylamines
n-Propylamines — Isopropylamines
Diethylaminoethanol
Dimethylaminoethanol
Ethylethanolamines 161
Isopropylaminoethanols

SHARPLES TRADE MARK CHEMICALS

Sharples Chemicals Inc.
PHILADELPHIA
CHICAGO
NEW YORK

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ETHYL CARBINOL see Alcohol, Propyl

ETHYL CARBONATE see Diethyl Carbonate

ETHYL CELLULOSE

Cellulose ether. A non-inflammable, white, granular material; sol. in many cheap solvents; and stable in exposure to light. Film is flexible at low temp. Uses—in films, lacquers, and plastics; may be used as toughening agent for plastics, protective coatings, and textile finishing.

● Pkg—50 lb. cartons, 60 lb. bags, 125, 150 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave Bklyn 6, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Dow Chem Co, Midland, Mich
Republic Chem Corp, 94 Beekman St, N Y 38

ETHYL CHLORIDE (Monochloroethane, Chlorethane, Hydrochloric Ether, Muriatic Ether)

C_2H_5Cl. Gas. Also colorless, highly inflammable liq. Sp. gr. 0.9214. B.P. 12.5°C. Miscible alcohol, ether; sl. sol. water. Uses—as refrigerant; solvent for phosphorus, fats, oils, resins, waxes; laboratory reagent; alkylating agent in making intermediates, organic chemicals, dyes, etc.; insecticide ingredient; in medicine. Grades—U.S.P.; tech.

● Pkg—90 lb. cylinders, 33 gal. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Ethyl Corp, 100 Park Ave, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Shell Chem Corp, 50 W 50 St, N Y 20

ETHYL CHLOROACETATE

$ClCH_2CO_2C_2H_5$. M.W. 122.53. Colorless liq. B.P. 145°C. M.P. —26°C. Insol. water; miscible alcohol, ether.

● Pkg—1 gal. bottles, 5 gal. carboys, 55 gal. drums.

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Givaudan-Delawanna, 330 W 42 St, N Y 36

ETHYL CHLOROFORMATE (Ethyl Chlorocarbonate

$ClCOO.C_2H_5$. Colorless liq. Sp. gr. 1.139. B.P. 94°C. Sol. alcohol, ether. Uses—mfr. intermediates, organic chemicals, flotation reagents. Grades—tech.

● Pkg—3, 5 gal. carboys.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYL CINNAMATE (Cinnamic Ether)

$C_6H_5CoCOC_2H_5$. Oily liq. strawberry-like odor. Sp. gr. 1.05. M.P. 12°C. B.P. 271°C. Sol. alcohol, ether. Insol. water. Cont.—100 lbs. drums, 50 lbs. carboys. 1, 5, 10 lbs. cans or bottles. Uses—perfuming and flavoring.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL CROTONATE

$CH_3CHCHCOOC_2H_5$. M.W. 114.14. Water-white liq. B.P. 139°C. Uses—solvent and softening agent, lacquers, polymers, organic synthesis.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Edcan Labs, 10 Pine St, S Norwalk, Conn

ETHYL CYANOACETATE

$CH_2CNCOOC_2H_5$. M.W. 113.11. Almost colorless liq. with a sweetish odor. B.P. 205.3-209.1°C. Sl. sol. in water; sol. in acetate esters; insol. in ether and carbon tetrachloride. Sp. gr. 1.059 at 25°C. Flash pt. 1.04°C. Wt. per gal., 8.8 lbs. at 25°C. Uses—mfr. pharmaceutical intermediates; intermediate in general organic synthesis.

● Pkg—5, 10, 55 gal. drums, 100 lb. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Kay-Fries Chem, 180 Madison Ave, N Y 16

ETHYL CYCLOHEXANE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHYL ETHOXYMETHYLENE-CYANOACETATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem 180 Madison Ave, N Y 16

ETHYL ETHOXYPROPIONATE

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ETHYL FORMATE (Formic Ether)

$HCO_2C_2H_5$. Colorless, inflammable liq. sol. water, alcohol, ether. Uses as an insecticide, larvacide, in mfr. drugs, perfumes; in medicine. Grades—tech.

● Pkg—1, 7 lb. bottles, 40, 90 lb. carboys, 1, 5, 55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL o-FORMATE (Acethon)

$CH(OC_2H_5)_3$. M.W. 148.20. Leaves. M.P. 34°C. Insol. water; miscible alcohol, ether.

● Pkg—Custom packed.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16

2-ETHYLHEXALDEHYDE (Ethyl Butyl Acetaldehyde)

$C_4H_9CH(C_2H_5)CHO$. M.W. 128.21. Colorless liq. M.P. less than —100°C. B.P. 163-4°C.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

2-ETHYL HEXANAL see Octyl Aldehyde

ETHYLHEXANEDIOL (2-Ethylhexanediol-1, 3-Ethylhexylene Glycol

$CH_3CH_2CH_2CH(OH)CH(C_2H_5)CH_2OH$. M.W. 146.22. B.P. 244°C. Non-volatile; colorless; faint odor. Uses—insect repellant, in liq. form or in a cosmetic cream.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

2-ETHYLHEXANEDIOL-1,3-ETHYLHEXYLENE GLYCOL see Ethylhexanediol 3-Ethylhexylene Glycol)

2-ETHYL HEXANOL

Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn

2-ETHYL HEXYL ACETATE (see also Octyl Acetate)

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

2-ETHYL HEXYL ACRYLATE

● Pkg—400 lb. drums.

*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

2-ETHYL HEXYL BROMIDE

● Pkg—Custom packed.

*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

ETHYLHEXYL CHLORIDE

$C_4H_9CH(C_2H_5)CH_2Cl$. M.W. 148.67. Water-white liq. B.P. 172.9. F.P. —135°C. Very sl. sol. water. Uses—solvent for oils, fats, waxes, intermediate for surface active agents; alkylating agent.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHYL HYDRATE see Alcohol, Ethyl

ETHYL HYDROBROMIC see Ethyl Bromide

ETHYL-p-HYDROXYBENZOATE

$HO{\cdot}C_6H_4{\cdot}CO_2C_2H_5$. M.W. 166.17. Colorless liquid. B.P. 149-50°C.

● Pkg—25, 50, 100, 200 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Polychemical Co, 494 Huntspoint Ave, N Y 59

ETHYL HYDROXYISOBUTYRATE

● Pkg—400 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ETHYL IODIDE (Monoiodoethane, Ether Hydriodic)

C_2H_5I. M.W. 155.97. Colorless liq. Sp. gr. 1.940 (15°C). M.P.—108.5°C. B.P. 72°C. Sol. benzene, chloroform, ether, alcohol; sl. sol. water. Uses—mfr. intermediates, organic chemicals, perfumes; in medicine. Grades—tech.; U.S.P.

● Pkg—1, 12½ lb. bottles, 5 gal. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J

ETHYL ISOBUTYRATE (Ethyl Dimethylacetate)

$C_6H_{12}O_2$. M.W. 116.13. A colorless liq. B.P. 110°C. Sl. sol. water; miscible alcohol, ether.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL LACTATE (Lactic Ether, Ethyl Alphaoxypropionate)

$CH_3CHOHCOOC_2H_5$. Colorless liq. Sp. gr. 1.024-1.036 (15°C). B.P. 154°C. Miscible alcohol, ether, and water with partial decomposition. Uses—solvent cellulose acetate and nitrocellulose; in medicine. Grades—tech.

● Pkg—1, 5 gal. cans, 425 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Kingston Chem Co, 15 William St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

ETHYL LAURATE

$CH_3(CH_2)_{10}CO_2C_2H_5$. M.W. 228.36. Oil. M.P. —10.7. B.P. 269°C. Insol. water; sol. organic solvents.

● Pkg—1, 7, 36, 220, 400 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
Polak & Schwarz, 667 Washington St, N Y 14
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL LEVULINATE

$CH_3{\cdot}CO(CH_2)_2{\cdot}CO_2{\cdot}C_2H_5$. M.W. 144.17. Colorless liq. Very sol. water; miscible alcohol.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

ETHYL MAGNESIUM BROMIDE

*Arapahoe Chem, 2800 Pearl St, Boulder, Colo

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ETHYL MALEATE

$(CHCO_2C_2H_5)_2$. M.W. 172.18. Colorless liq. B.P. 225°C. Insol. water; sol. organic solvents.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

ETHYL MALONATE

$CH_2(CO_2C_2H_5)_2$. M.W. 160.17. Colorless liq. Sp. gr. 1.055 at 20°C. M.P. —49.8°C. B.P. 198.9°. Very sl. sol. water. Sol. alcohol, ether. Uses—intermediate.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36

ETHYL MERCAPTAN

C_2H_5SH. M.W. 62.07. Volatile liq. of extremely strong, "skunk-like" odor. B.P. °C. Sp. gr. 0.840 (25/25°C). Wt. per gal. 7.01 lbs. Flash ponit about 3°F. Uses—warning agent, odorizer, in natural and petroleum fuel gas systems; warning agent indicating overheating of machines, when sealed in a low-metal alloy within the machine.

● Pkg—5, 55 gal. drums, 35 lb. cylinders.

*Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Universal Mfg Co, P O Box 2427, Houston 1, Tex

ETHYL METHACRYLATE

$CH_2{:}C\text{-}(CH_3)\text{-}(CO_2)C_2H_5$. M.W. 114. Water-white mobile olatile liq. with pronounced agreeable odor. Uses—polymerization.

● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ETHYL MONOBROMOACETATE

$CH_2BrCOOC_2H_5$. M.W. 167.0. Colorless to sl. yellow liq., very irritating to the eyes. Sp. gr. 1.507 at 25/4°C. Wt. per gal. 12.5 lbs. at 25°C. B.R. 158.0-160.0°C; with slight decomposition; completely miscible alcohol, ether; insol. water. Uses—mfr. tear gases.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

ETHYL MONOCHLOROACETATE (Monochloracetic Ether)

$CH_2ClCOOC_2H_5$. Colorless liq., pungent odor. Sp. gr. 1.157 (15°C). B.P. 144°C. Sol. alcohol, ether; insol. water. Uses—mfr. intermediates, organic chemicals. Vapors injurious to eyes. Grades—tech.

● Pkg—100 lb. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

ETHYL MORPHOLINE

● Pkg—1 gal. cans.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ETHYL MYRISTATE

$CH_3(CH_2)_{12}COOC_2H_5$. M.W. 256.25. Colorless liq. M.P. 12°C. B.P. 295°C. Insol. water; sol. alcohol; sl. sol. ether.

● Pkg—1, 7, 36, 220, 400 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J

ETHYL NITRATE (Nitric Ether)

$C_2H_5ONO_2$. M.W. 91.05. Colorless liq., pleasant odor. Sp. gr. 1.105. B.P. 88.7°C. Sol. alcohol, ether. Uses—mfr. organic chemicals, intermediates, synth. dyes, drugs, perfumes. Grades—tech.

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn

MONSANTO

ORTHOETHYLNITROBENZENE

Appearance: yellow to greenish-yellow liquid
Composition: Ortho isomer — 94% minimum
Para isomer — 6% maximum
Ethyl benzene — 1.75% maximum

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS - PLASTICS

ETHYL NITRITE (Nitrous Ether)

$C_2H_5O_2N$. M.W. 75.09. A colorless liq. B.P. 17° C. Sl. sol. water; miscible alcohol, ether. Uses—medicinally as a 15% alcoholic solution, as a diuretic and diaphoretic.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

o-ETHYLNITROBENZENE

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

ETHYL OLEATE

$C_{17}H_{33}COOC_2H_5$. Uses—solvent, plasticizer, lubricant.

● Pkg—1, 7, 36 lb. tins, 220, 400 lb. drums.

W W Angus, 220 Broadway, N Y 38
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J

ETHYL OXALATE (Diethyl Oxalate, Oxalic Ether)

$(C_2H_5)_2(COO)_2$. Water-white liq., aromatic odor. Sp. gr. 1.083 (15°C). B.P. 186.1°C. Sol. alcohol, ether. Decomp. by water. Uses—mfr. perfume prep. dyes, organic chemicals, lacquers. Grades—tech.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYL α-OXYPROPIONATE see Ethyl Lactate

ETHYL PHENYL ACETATE

$C_6H_5.CH_2.CO_2C_2H_5$. M.W. 164.20. Colorless liq. Sp. gr. 1.033 at 20°C. B.P. 227°C. Insol water. Sol. alcohol, ether.

● Pkg—25, 40, 450 lb. drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Trubek Labs, State Hway #17, E Rutherford, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL PHENYL ETHANOLAMINE

$C_6H_5N(C_2H_5)\ CH_2CH_2OH$. M.W. 165.13. Colorless liq. B.P. 208°C at 740 mm. Sp. gr. 104 at 20°C Wt. per gal. 8.7 lbs. Sl. sol. in water. Uses—intermediate in mfr. acetate azo dyestuffs and other compounds.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Eastman Chem Products, Kingsport, Tenn

ETHYL PHOSPHATE (Triethyl Phosphate)

$(C_2H_5)_3PO_4$. M.W. 182.14. Liq. B.P. 216°C Sol. alcohol.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ETHYL PROPIONATE (Propionic Ether, Propionic Esthers)

$C_2H_5COOC_2H_5$. Colorless liq. Sp. gr. 0.891. B.P 99.1°C. Sol. alcohol, ether, water. Uses—solvent nitrocellulose; ingredient of soft drinks and fruit syrups. Grades—commercial.

● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL PROPIONYL see Diethyl Ketone

ETHYL PROTOCATECHUIC see Ethyl Vanillin

ETHYL SALICYLATE

$C_9H_{10}O$. M.W. 166.13. Colorless volatile liq of pleasant odor and taste. B.P. 231°C. Insol. water, miscible alcohol, ether. Used medicinally as an antiseptic, also as a solvent for nitrocellulose.

● Pkg—Bottles, 10 gal. tins, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Simpson Labs Div, 120 Wall St, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL SEBACATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYL SILICATE (Tetraethyl Ortho-Silicate)

$(C_2H_5)_4SiO_4$ is a colorless, faintly colored liq. B.P. 165°C. Water slowly hydrolyzes it to alcohol and silicic acid which in turn dehydrates to an adhesive form of silica. Av. Wt., 7.77 lbs. per gal. at 20°C. Uses—as a preservative for hardening stone and arresting decay and disintegration; used in paints where heat is encountered; mixed with siliceous powders to form weather and acid-proof mortar and cements, refractory bricks and other molded objects.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Anderson Labs, Weston, Mich
J M Baird Co, 254 W 31 St, N Y 1
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Riches-Nelson, 342 Madison Ave, N Y 17

ETHYL SODIUM OXALACETATE (Sodium Ethyl Oxalacetate)

$C_2H_5OOC\text{-}C(OH_2)\text{-}CH\text{-}C\text{-}OOC_2H_5$. M.W. 210.0. Light yellow powd. Used as an intermediate in dye mfr.

● Pkg—175 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYL STEARATE

$C_{17}H_{35}CO_2C_2H_5$. M.W. 312.51. Colorless cryst. M.P. 34.7. B.P. 199-201 @ 10 mm. Insol. water. Sol. ether.

● Pkg—1, 7, 36 lb. tins, 380 lb. drums.

W W Angus, 220 Broadway, N Y 38
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ETHYL SUCCINATE

$COOC_2H_5CH_2CH_2COOC_2H_5$.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ETHYL SULFATE see Diethyl Sulfate

n-ETHYL-p-TOLUENESULFONAMIDE

$C_6H_4CH_3SO_2NHC_2H_5$. M.W. 199.3. White solid. Uses—Plasticizer to give hard, tough compositions with sharp softening points.
● Pkg—400 lb. drums.
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

ETHYL p-TOLUENE SULFONATE (p-Toluene Sulfo Ethyl Ether)

$CH_3C_6H_4(SO_3C_2H_5)$. M.W. 200. White coarsely ground crystalline solid at 20°C. M.P. 33°C. Uses—dyestuff intermediate; ethylating agent.
● Pkg—225, 275 lb. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ETHYLTRICHLOROSILANE

● Pkg—100, 500 lb. bottles, drums.
*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

ETHYLTRIETHOXYSILANE

● Pkg—1, 3, 7 lb. bottles, drums.
*Anderson Labs, Weston, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

ETHYL TRIFLUOROACETATE

● Pkg—Custom packed.
Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

ETHYL VALERATE (Ethyl Valerianate, Valeric Ether)

$C_4H_9COOC_2H_5$. M.W. 130.11. Colorless liq. B.P. 145.5°C. Sp. gr. 0.877. Ester value 431.5. Miscible alcohol, ether; insol. water. Uses—mfr. flavors, perfumery; in medicine.
● Pkg—25 lb. cans.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11

ETHYL VALERIANATE see Ethyl Valerate

ETHYL VANILLIN (Ethyl Protocatechuic)

M.P. 76.5°C. Sol. alcohol. Fine, white or sl. yellow needles. Characteristic odor. 3 to 1 flavoring strength compared with vanillin.
● Pkg—1, 5 lb. cartons, 25, 100 lb. drums.
J M Baird Co, 254 W 31 St, N Y 1
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterwin Chem, 1450 Broadway, N Y 18
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
Verona Chem Co, 26 Verona Ave, Newark 4, N J
O J Weeks Co, 44 N Moore St, N Y 13

ETHYLENE (Ethene, Etherin, Elayl, Bicarburetted Hydrogen, Heavy Carburetted Hydrogen, Olefiant Gas)

$CH_2{:}CH_2$. M.W. 28.03. Colorless, inflam. gas, sweet odor. Sp. gr. 0.978. B.P. —103.8°C. Liquefies at 0°C. and 42 atmospheres. Solidifies at —169.4°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, organic chemicals mustard gas, synth. ethyl alcohol; in oxyethylene welding and cutting of metals; in medicine. Grades—tech.
● Pkg—2, 25 lb. cylinders.
J M Baird Co, 254 W 31 St, N Y 1
Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ETHYLENE ALDEHYDE see Acrolein

ETHYLENE BROMIDE (Dibromoethane, Ethylene Dibromide)

CH_2BrCH_2Br. Colorless liq., chloroform-like odor. Sp. gr. 2.189 (15°C). M.P. 9-10°C. B.P. 129-131°C. Miscible alcohol, ether. Very sl. sol. water. Poisonous. Uses—mfr. organic chemicals, ethylene glycol, piperazin, intermediates, synth. drugs; solvent in making celluloid; in medicine. Grades—tech.
● Pkg—5, 10, 50, 52.5, 55 gal. drums.
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Westvaco Chem Div, 161 E 42 St, N Y 17

ETHYLENE CARBONATE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16

ETHYLENE CHLORHYDRIN

● Pkg—1 gal. cans, 5, 55 gal. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ETHYLENE CHLORIDE see Ethylene Dichloride

ETHYLENE CHLOROBROMIDE (Symmetrical Chlorbromethane)

$CH_2Cl.CH_2Br$. M.W. 143.4. Clear, colorless volatile liq. with a chloroform odor. Sp. gr. 1.790 at 0°C. Wt. per gal. 14.9 lbs. at 0°C. B.P. 106.7°C. F.P. —16.6°C. Miscible with most organic solvents; insol. water. Uses—as a solvent; in organic synthesis.
● Pkg—5, 12 gal. carboys, 50 gal. drums.
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal

ETHYLENE CYANOHYDRIN (B-Hydroxypropionitrile, Hydracrylonitrile)

$HOCH_2CH_2CN$. M.W. 71.05. Straw colored liq. B.P. 277°C. Sol. water, acetone, methyl ethyl ketone, ethanol, chloroform, diethyl ether. Insol. benzene, carbon tetrachloride, naphtha. Uses—solvent, organic intermediate.
● Pkg—5 gal. cans, 50 gal. drums.
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

ETHYLENE DIAMINE

$NH_2CH_2CH_2NH_2$. M.W. 60.08. Colorless liq., ammonia odor. Sp. gr. 0.892. M.P. 8.5°C. B.P. 117°C. Sol. water. Uses—solvent for albumen and the like; in medicine. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

ETHYLENE DIBROMIDE see Ethylene Bromide

ETHYLENE DICHLORIDE (Ethylene Chloride, Dichloroethane)

$CH_2Cl.CH_2Cl$. Colorless liq., pleasant chloroform-like odor. M.W. 96.9. Sp. gr. 1.278 (15°/4°C). lbs. gal., 10.7 B.P. 55.0°C. F.P.—80.5°C. V.D. (15°C). lbs./cu. ft., 0.241. Latent Heat of Vap., B.T.U./lb., 127.8. S.H., cal./kg./°C or B.T.U./lb./°F, 0.270 (20°C). Sol. only very sl., sol. in water, alcohol, ether. Uses—mfr. intermediate, ethylenediamine, glycol monosalicylate, glycol monocinnamate, tobacco extracts, organic chemicals, cleaning fluids; extracting nicotine from tobacco; for food fumigating; with alcohol, rubber, soap and degreasing; in medicine. Grades—tech.
● Pkg—1 gal. cans, 5, 10, 55 gal. drums.
S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16

MONSANTO
ETHAVAN
(Ethyl Vanillin)

Fine, white crystalline needles; odor, characteristic; completely soluble in ethyl alcohol 95% (1:2); ash 0.05% max.; m.p. 76.5° C., 169.7° F. min. 1-oz. free sample.

VANILLIN MONSANTO
(Vanillin, U. S. P.)

Fine, white crystalline needles; odor, characteristic; m.p. 81.5° C., 178.7° F. min. (U.S.P. 81-83° C. min.); loss on drying, 0.06% max.; solubility in alcohol (1:2), complete. 1-oz. free sample.

Ethavan: Reg. U. S. Pat. Off.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division,
St. Louis 1, Mo.

MONSANTO
CHEMICALS—PLASTICS

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*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
City Chem Corp, 132 W 22 St, N Y 11
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
E & F King & Co, 640 Pleasant St, Norwood, Mass
Legion Chem, 70 Wall St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ETHYLENE DIMETHACRYLATE

*Wallace A Erickson & Co, 844 N Wells St, Chicago 10, Ill

ETHYLENE FORMATE see Glycol Diformat.

ETHYLENE GLYCOL (Glycol, Alcohol Ethylene, Alcohol Glycol, Alcohol Glycohol)

$CH_2OH.CH_2OH$. M.W. 62.05. Clear syrupy, hygroscopic liq. Sp. gr. 1.1155 at 20/20°C. B.P. 197.37°C. F.P. —17.4°C. Miscible water, alcohol, ether. Uses—mfr. glycol diacetate, low freezing dynamites, toilet preps., face creams; general solvent; solvent for dyes, waxes, resins, intermediate and organic chemicals, drugs, moistening tobacco; assist in dyeing and finishing textiles; preserving leather; treating skins and furs; non freezing compound for automobile radiators. Grades—tech. Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everet 49, Mass
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Kingston Chem Co, 15 William St, N Y 5
Legion Chem, 70 Wall St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

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U.F. Concentrate-85
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Nitrogen Division
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ETHYLENE DICHLORIDE • PROPYLENE DICHLORIDE

Samples and data available upon request

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WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

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DIETHYLENE GLYCOL • PROPYLENE GLYCOL
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SPECIALISTS IN CHEMICALS AND BY-PRODUCTS
CHEMICAL COMPANY, Inc.
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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

GLYCOLS

Ethylene Glycol, Diethylene Glycol, Triethylene Glycol, Propylene Glycol, Dipropylene Glycol, 2-Methyl-2-Propyl-1,3-Propanediol, 2,2-Diethyl-1,3-Propanediol, 2-Ethyl-2-Butyl-1,3-Propanediol, 2-Ethylhexanediol-1,3, Hexylene Glycol, Octylene Glycol, CARBOWAX Polyethylene Glycols with molecular weights from 200 to 6000, Methoxy Polyethylene Glycols with molecular weights of 350, 550, and 750, Polypropylene Glycols with molecular weights of 150, 425, 1025, and 2025, and UCON fluids and lubricants are supplied commercially by Carbide. Hexanetriol-1,2,6 is also available.

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Propylene Glycol
Dipropylene Glycols
Polyethylene Glycols
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MIDLAND • MICHIGAN

DOW

ETHYLENE GLYCOL, continued

*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Merchants Chem Co, 60 E 42 St, N Y 17
Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe, 76 9 Ave, N Y 11
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Wyandotte Chem Corp, Wyandotte, Mich

ETHYLENE GLYCOL DIBENZENESULFONATE

$C_6H_5SO_3OC_2H_4OSO_3C_6H_5$. M.W. 330.26. White to cream colored granules. Uses—plasticizer; softener.
● Pkg—Drums.
*Wyandotte Chem Corp, Wyandotte, Mich

ETHYLENE GLYCOL

Grades: Technical
(Highest purity for chemical intermediate use)
Antifreeze grade

Available—tank cars, compartmented cars, barges, tank-trucks and drums from convenient local stocks.

Also Diethylene and Triethylene Glycols

For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Hydrocarbon Chemicals Division
Baltimore 3, Maryland

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

JEFFERSON CHEMICALS

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ETHYLENE GLYCOL
ETHYLENE DICHLORIDE
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MONOETHANOLAMINE
DIETHANOLAMINE
TRIETHANOLAMINE
NONYL PHENOL
MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
POLYETHYLENE GLYCOLS

Branch Sales Offices: 180 West Washington St., Chicago 2, Ill.; 318 Melrose Bldg., Houston, Texas
Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas

For Technical data see our Catalog pages

See Our Catalog Ad

ETHYLENE GLYCOL DIFORMATE see Glycol Diformate

ETHYLENE GLYCOL DISTEARATE

● Pkg—1, 10, 50, 200, 500 lb. drums.
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
W W Angus, 220 Broadway, N Y 38
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kolon Trading Co, 15 Park Row, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

ETHYLENE GLYCOL ESTERS

W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Failek Products Co, 163 Broadway, N Y 6
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

ETHYLENE GLYCOL MONOETHYL ETHER ACETATE (b-Ethoxyethyl Acetate, Cellosolve Acetate)

$CH_3COOCH_2CH_2OC_2H_5$. M.W. 132.09. Colorless liq. B.P. 156.2. Sol. water, alcohol.
● Pkg—1 gal. cans, 5, 55 gal. drums.
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y

ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE

$CH_3OCH_2CH_2CO_2CH_3$. M.W. 118.08. B.P. 143.0°C. Sp. gr. 1.005 at 20/20°C. Colorless, stable liq. Miscible with most organic solvents; completely sol. water. B.R. 130-155°C. (760 mm). Sol. in hydrocarbons, ethyl alcohol and acetate. Wt. per gal., 8.37 lbs. per gal. at 20°C. Uses—solvent for cellulose nitrate, gums, resins, oils; mfr. lacquers, dopes.
● Pkg—1 gal. cans, 5, 55 gal. drums.
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Republic Chem Corp, 94 Beekman St, N Y 38

ETHYLENE IMINE

*Chemirad Corp, P O Box 36, Bladensburg, Md

ETHYLENE IODIDE

CH_2ICH_2I. Yellow monoclinic prisms from ether. M.W. 281.89. Sol. in alcohol, sl. sol. in water. Uses—intermediate in organic syntheses.
● Pkg—Custom packed.
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

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ETHYLENE OXIDE

CH_2OCH_2. Colorless gas at ordinary temp., at low temp. a mobile, colorless liq. B.P. 10.7°C. Sp. gr. of liq. Ethylene Oxide is .8707 at 20/20°C. Miscible water in all proportions; sol. in usual organic solvents. Uses—fumigation, synthesis.
● Pkg—Cylinders.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md

ETHYLENE THIOUREA (2-Imidazolidinethione)

$(CH_2\text{-}NH)C{:}S$. M.W. 102. M.P. 203-204°C. Uses—chemical intermediate.
● Pkg—200 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

ETHYLENIMINE

● Pkg—Bottles, 5 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
*Chemirad Corp, P O Box 36, Bladensburg, Md
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ETHYLIDENE DICHLORIDE (Ethylidene Chloride, chlorinated Hydrochloric Ether)

$C_2H_4Cl_2$. M.W. 98.94. Colorless liq. B.P. 59°C. sl. sol. water; miscible alcohol, ether.
● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

o-ETHYLNITROBENZENE

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

1-ETHYNYLCYCLOHEXANOL

$C_6H_{10}(OH)C{\equiv}CH$. M.W. 124.17. Colorless liq. characteristic odor. Uses—organic syntheses, plastics.

*Air Reduction Chem Co Div, 60 E 42 St, N Y 17
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

b-ETHYNYL ETHANOL see 3-Butyn-1-ol

EUCALYPTOL (Cineole)

$C_{10}H_{18}O$. M.W. 154.2. Colorless liq. Uses—medicinal, antiseptic.
● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

EUCATROPINE

$C_{17}H_{25}NO_3$. HCl. M.W. 327.76. Technical name: phenylglycoly methylvinyl-diacetonalkamine hydrochloride. White, fine granular powd. having no odor. M.P. not below 183°C. Sol. in water, alcohol and chloroform; insol. in ether. Uses—as a mydriatic in ocular medicine, similar in action to atropine, but said to be free from anaesthetic and irritative action.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y

EUNATROL see Sodium Oleate

EXPLOSIVES, AGRICULTURAL, INDUSTRIAL

Specially formulated explosives prepared for the typical blasting problems, such as stump blasting, deep cultivation or subsoiling, tree planting, tree rejuvenation, land drainage, ditching, stream correction, control of erosion, filling of gullies, vertical drainage of wet spots, etc. Also specially formulated compounds for use in road building construction, deepening of harbors, excavating, etc. See also dynamite. Mfrs. in all cases provide specific recommendations which should be followed closely.

*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
Hummel Chem Co, 90 West St, N Y 6
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

EXTENDERS, INK

*John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Edgar Bros Co, Metuchen, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Union Oil Co of Cal, 317 W 7 St, Los Angeles 17, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

EXTENDERS, PIGMENT

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Edgar Bros Co, Metuchen, N J
*English Mica Co, 79 Prospect St, Stamford, Conn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Johns-Manville, 22 E 40 St, N Y 16
*Mississippi Lime Co, Alton, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

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Sodium Nitrate
U.F. Concentrate-85
Urea

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N.Y.

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

EXTENDERS, PRINTING INK

*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Edgar Bros Co, Metuchen, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*V & E Kohnstamm, 329 Canal St, N Y 13
*Mississippi Lime Co, Alton, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

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26 Court Street Brooklyn 2, N.Y.

EXTREME PRESSURE BASES

Complex sulfur and chlorine compounds added to lubricants to make them more suitable for extreme pressure conditions.

Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carlisle Chem Works, West St, Reading 15, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*L Sonneborn Sons, 300 W 4 Ave, N Y 10
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

EXTRUDING COMPOUNDS

Synth. resin plastics which are not compressed or hardened in a closed mold, but which are treated in a mold open at the inlet and outlet sides. With increasing pressure the mass passes from the solid to the plastic state, and is then gradually hardened, all the time being in periodical or continual motion. On the discharge side of the extruding machine special devices are used to form the material as it emerges into various shapes. For suppliers see Molding Powders Plastic.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Firestone Plastics Div, Firestone Tire & Rubber Co, Box 690, Pottstown, Pa
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio

FALSE SAFFRON see Saffron, American

FAT LIQUORS

Process of "fat-liquoring" comprises three distinct operations: coloring, filling, and oiling, but often all are done in one step. Fat-liquoring proper consists of filling leather with soaps, oils, starch, china clay, tallow, egg yolk, and a number of other materials to strengthen the fibres and render the leather soft and pliable, at the same time giving it the desired color. Process is usually carried out at a high temp. in the drum tumbler and changes the leather to black or colors. Prepared fat-liquors are scientifically compounded products containing a wide variety of substances, depending upon the producer and the type of leather to be processed.
● Pkg—55 gal. bbls., drums.

Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Standard Chem Co, 217 New St, Phila 6, Pa
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Jacques Wolf & Co, Passaic, N J

FATS, HYDROGENATED

Glyceryl esters of unsaturated fatty acids are hydrogenated to solidify them, i.e. they are treated with hydrogen to produce saturation. Uses—to prepare cooking fats, as butter or lard substitutes.
● Pkg—50, 400 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maxim Chem Co, 44 Cliff St, N Y 38
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14

FATS, TECHNICAL

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*E F Drew & Co, 416 Division St, Boonton, N J
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14

FATTY ACID ESTERS

Various esters of the fatty acids, such as stearic, oleic, linoleic, ricinoleic, etc. The fatty acids are produced by the removal of the glyceride content from neutral oils and fats, either by chemical or mechanical means. The resultant fatty acids are then distilled under vacuum of varying degrees and varying temp.

*Airose Chem Co, Box 1294, Providence 1, R I
W W Angus, 220 Broadway, N Y 38
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Commercial Slovents Corp, 260 Madison Ave, N Y 16
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Arthur C Trask Co, 4013 S LaSalle St, Chicago 9, Ill
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Varlacoid Chem Co, 116 Broad St, N Y 4
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

FATTY ACIDS, CASTOR OIL

*Baker Castor Oil Co, 120 Broadway, N Y 5
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
*Geigy Co, 89-91 Barclay St, N Y 8
*W C Hardesty Co, 41 E 42 St, N Y 17
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

FATTY ACIDS, TALL OIL

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Elbert & Co, 2 Broadway, N Y 4
*General Mills, 400 2 Ave S, Minneapolis, Minn
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Newport Industries, 230 Park Ave, N Y 17
Welch, Holme & Clark Co, 439 West St, N Y 14
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

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NOPCOGENS: *Fatty Amides and Fatty Amines*
Wetting Agents • Cosmetics • Plasticizers
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See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

FATTY AMIDE CONDENSATES

● Pkg—450 lb. drums.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Carlisle Chem Works, West St, Reading 15, Ohio
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Harsyd Chem, 397 W 21 St, Holland, Mich
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Simpson Labs Div, 120 Wall St, N Y 5
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

FEL BOVIS see Ox Gall

FELDSPAR (Felspar, Orthoclase)

General name for group of rock-forming minerals. K_2O, $Al_2I_2O_3 6SiO_2$. Sp. gr. 2.55-2.75. Uses—mfr. opalescent glass, potteries, porcelains, chinaware, porcelain fluxes, electrical goods and insulators, fertilizer, enamels and glazes, tarred roofing papers, artificial teeth, poultry grit, scouring soap; source of potash; cement ingredient and surfacing concrete; bond for emery corundum and carborundum wheels; abrasive and cleansing agent.

J M Baird Co, 254 W 31 St, N Y 1
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Charles B Chrystal Co, 53 Park Pl, N Y 7
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*United Clay Mines Corp, Prospect & Oakland Sts, Trenton 6, N J
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FERRIC ACETATE (Basic Iron Acetate)

$Fe(OH)(CH_3COOH)_2$. Brownish-red crystalline scales or powd. Sol. acids; insol. water. Uses—mfr. wood preservatives, hats; in weighting and dyeing silk; dyeing leather black; as mordant in dyeing and printing textiles; in printer's ink rollers; in medicine. Grades—tech. C.P.

● Pkg—1, 5, 25, 100 lb. bottles.

J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11

FERRIC AMMONIUM ALUM see Iron and Ammonium Sulfate

FERRIC AMMONIUM CITRATE see Iron and Ammonium Citrate

FERRIC AMMONIUM OXALATE see Iron and Ammonium Oxalate

FERRIC AMMONIUM SULFITE see Iron and Ammonium Sulfate

FERRIC CHLORIDE (Iron Chloride, Iron Perchloride, Ferric Trichloride, Iron Trichloride, Iron Sesquichloride, Flores Martis)

a. $FeCl_3$. b. $FeCl_3 6H_2O$. Orange-yellow, deliq. cryst. a. Sp. gr. 2.804 (10.8°C.). M.P. 301°C. B.P. 307° C. b. M.P. 37°C. B.P. 280-285°C. Sol. alcohol, glycerol, ether; only sl. sol. water. Uses—mfr. iron salts, paint pigments, iron pharmaceuticals; chlorinating cooper and silver ores; photo engraving; photogravure and heliogravure; mordant in dyeing and printing textiles; catalyst in organic synthesis; condensing reagent in making intermediates, etc.; laboratory reagent; oxidizing agent in making dyes; general disinfectant; desodorizing sewage; iron plating; in medicine. Grades—cryst.; anhydrous; tech.; C.P.; 30° Be solution; 37 Be solution; 40 Be solution; 46° Be solution; U.S.P.; U.S.P. solution (29% FeCl3).

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Bergstrom Trading Co, 233 Broadway, N Y 7
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St Detroit 9, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Philip A Hunt Co, Palisades Park, N J
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Mefford Chem Co, 1026 Sante Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Seaboard Industries, 195 Keen St, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
Joseph Turner & Co, Ridgefield, N J

FERRIC CITRATE

$Fe(C_6H_5O_7)$. Brownish-red powd. About 17% iron. Uses—in medicine as source of iron in anemia therapy.

● Pkg—25, 50 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

FERRIC FERROCYANIDE see Prussian Blue

FERRIC FLUORIDE (Iron Fluoride)

FeF_3. Green, solid crystalline. Sp. gr. 3.18. Sol. water, acids. Uses—mfr. alkali fluorides, ceramics. Grades—tech.

*City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6

FERRIC HYDRATE see Ferric Hydroxide

FERRIC HYDROXIDE (Ferric Hydrate, Iron Hydroxide, Hydrated Iron Oxide, Iron Sesquioxide Hydrated, Iron Hydrate, Ferric Sesquioxide Hydrated, Hydrous Iron Peroxide, Hydrous Ferric Peroxide)

$Fe(OH)_3$. Brownish, amorp. powd. Sp. gr. 3.4-3.9. Loses water at 500°C. Sol. acids. Uses—mfr. paint pigments, pharmaceutical preps.; absorbent chemical processes; purifying water; for arsenic poisoning; compounding rubber. Grades—tech.; C.P. Cont. kegs (100 lbs.); bottles ¼, 1 lb. Tariff, 25%.

*City Chem Corp, 132 W 22 St, N Y 11
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

FERRIC HYPOPHOSPHITE (Iron Hypophosphite)

$Fe(H_2PO_2)_3$. M.W. 250.95. White or grayish-white powd. Sol. water. Uses—in medicine.

● Pkg—25, 100, 200 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

FERRIC LACTATE

$Fe(C_3H_5O_3)_3$. A brownish-red powd., used medicinally as a tonic.

● Pkg—25, 100, 200 lb. drums.

*J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Sheffield Chem Co, P O Box 630, Norwich, N Y

FERRIC NITRATE (Iron Nitrate)

$Fe(NO_3)_3 9H_2O$. Grayish-white cryst. Sp. gr. 1.6835 (20°C). M.P. 47.2°C. Decomp. on further heating. Sol. water. Uses—mordant in dyeing and printing textiles; for coloring brass; in medicine. Grades—tech. cryst.; C.P.; U.S.P.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

FERRIC OLEATE (Iron Oleate)

$Fe(C_{18}H_{32}O_2)_3$. Brownish-red, amorp. lumps. Sol. alcohol, ether, acids. Uses—paint and varnish drier; in medicine. Grades—tech.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

FERRIC OXALATE (Iron Oxalate)

$Fe_2(COO)_3$. Pale yellow, amorp., scale or powd., odorless. Decomp. on heating to 100°C. Sol. acids; insol. water. Uses—catalyst in making oxygen; silvertone photographic printing papers. Grades—tech.; C.P.

● Pkg—25, 50, 100 lb. drums, 5 lb. bottles.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

FERRIC OXIDE see Iron Oxide, Brown

FERRIC OXIDE see Iron Oxide, Red

FERRIC PHOSPHATE (Iron Phosphate)

$FePO_4 2H_2O$. M.W. 186.89. Yellowish-white powd. Sol. mineral acids. Uses—medicine.

● Pkg—25, 50, 150, 225, 250 lb drums.

Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, Louis 4, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Joseph Turner & Co, Ridgefield, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

FERRIC POTASSIUM CYANIDE see Potassium Ferricyanide

FERRIC RESINATE see Iron Resinate

FERRIC SESQUIOXIDE, HYDRATED see Ferric Hydroxide

FERRIC-SODIUM OXALATE see Iron and Sodium Oxalate

FERRIC STEARATE

$Fe(C_{18}H_{35}O_2)_3$. M.W. 906.0. A light-brown powd. Insol. water. Uses—in varnishes and driers.

● Pkg—50 lb. cartons

*Adams-Henry Chem Co, 32 Broadway, N Y 4
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

FERRIC SULFATE (Iron Sulfate, Iron Tersulfate, Ferric Tersulfate, Persulfate of Iron, Iron Sesquisulfate)

a. $Fe_2(SO_4)_3$. b. $Fe_2(SO_4)_3 9H_2O$. Grayish-white, amorp. powd. Sp. gr. a. 3.097. b. 2-2.1. Decomp. on heating. Sol. slowly water. Uses—mfr. iron alum, paint pigments, Berlin blue; as laboratory reagent; etching on aluminum; mordant in dyeing and printing textiles; purifying drinking water; general disinfectant; in medicine. Grades—tech.; C.P.

● Pkg—100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

FERRIC SULFIDE

Fe_2S_3. M.W. 207.9. Yellowish-green cryst. Decomp. on heating or with solvents.

● Pkg—1000 lb. bbls., 25 lb. boxes, 100 lb. kegs, 500 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11

FERRIC TERSULFATE see Ferric Sulfate

FERRIC THIOCYANATE (Ionic Sulfocyanide, Ferric Rhodanate, Ferric Thiocyanide)

$Fe(CNS)_3 3H_2O$. M.W. 284.1. Dark red cryst. or brown granular powder. Sol. water, alcohol, ether. Decomp. on heating.

● Pkg—Bottles.

*City Chem Corp, 132 W 22 St, N Y 11

FERRIC TRICHLORIDE see Ferric Chloride

FERRIC TRIOXIDE see Iron Oxide, Red

FERRITE YELLOW see Iron Oxide, Yellow

FERROCHROMITE see Chromite

FERRO MANGANESE

An alloy of 50% iron and 50% manganese. Sp. gr. M.P. 1325°C. Uses—mfr. of tough steels.

*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Belmont Smelting & Refining Works, 330 Belmont Ave Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

FERRO MANGANESE, continued

*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

FERRO MOLYBDENUM (Alloy)

Composed principally of iron and molybdenum; marketed in two grades containing either a max. of 0.5 or 2% carbon. M.P. 2,965°F. Uses—increases tensile strength, hardenability, elongation, elastic limit, impact, fatigue, and high-temp. strength values of steel.

*J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Climax Molybdenum Co, 500 5 Ave, N Y 36
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa

FERROPHOSPHORUS

Special alloy of iron and phosphorus, usually in 2 grades: 1. 17-19% phosphorus; 2. 23-25% phosphorus. Uses—to increase fluidity of iron and steel castings; in sheet steel to prevent sticking of sheets in final rolling; in wire to give stiffness and better surface for drawing.
● Pkg—500 lb. bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Duff Chem Co, 342 Madison Ave, N Y 17
*Metallurg Inc, 100 Park Ave, N Y 17
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17

FERROSILICON

Alloys of iron and silicon used in steel industry. Uses—to deoxidize steel for high grade forgings, rolled products, and castings; used in small doses in efferescing steel to clean up the bath. Grades—various, silicon content running from 14% to 94%. Available crushed or in lumps up to 50 lbs.; and in pigs up to 100 lbs.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

FERROSOFERRIC OXIDE see Iron Oxide

FERRO TITANIUM

An alloy of titanium and iron made by reducing titanium dioxide with powdered aluminum and iron. Used for deoxidation of molten steel.

*J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

FERRO TUNGSTEN

Content: iron, carbon, tungsten, in varying percents. Use—in mfr. of strong, hard alloys for use at high temp.

*J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

FERRO VANADIUM

Content: 50-55% vanadium, carbon, silicon, iron. Uses—in mfr. of special steels and alloys to increase yield, tensile, and impact strengths without sacrificing ductility; imparts a fine grain size to steel.

*J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Shieldalloy Corp Div, 100 Park Ave, N Y 17

FERROUS AMMONIUM SULFATE (Mohr's Salt, Iron Ammonium Sulfate)

$(NH_4)_2Fe(SO_4)_2.6H_2O$. M.W. 392.13. Light green, solid crystalline. Sp. gr. 1.865. Sol. water. Uses—metallurgical reagent; in iron plating; in medicine. Grades—tech.; C.P.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

FERROUS CARBONATE

$FeCO_3$. M.W. 115.8. A grayish-green, rhombohedric crystalline powd. Decomp. by heat. Insol. water; sol. carbonated water, acids. Oxides on exposure to air. Used in the prep. of carbonated "ferruginous" waters.
● Pkg—1, 5 lb. boxes, 25, 100 lb. drums, 650 lb. bbls.

*City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Shieldalloy Corp Div, 100 Park Ave, N Y 17

FERROUS CHLORIDE (Iron Chloride, Iron Dichloride, Ferrous Protochloride, Iron Protochloride)

a. $FeCl_2$. b. $FeCl_2.4H_2O$. Greenish-white, deliq. cryst. or powd. Sp. gr. a. 2.988. b. 1.93. Sol. alcohol, water, acidulated with HCl. Uses—mfr. ferric chloride; mordant in dyeing and printing textiles; in metallurgy; in medicine. Grades—cryst. (60% $FeCl_2$); tech.; C.P.
● Pkg—100, 400 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Dow Chem Co, Midland, Mich
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38

FERROUS GLUCONATE (Iron Gluconate)

$Fe[CH_2OH(CHOH)_4CO_2]_2.2H_2O$. M.W. 482.05. Brownish-yellow to light brown, odorless powd. Sol. water. Insol. alcohol. Uses—medicinal.
● Pkg—5, 25, 50, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Winthrop-Stearns, 1450 Broadway, N Y 18

FERROUS LACTATE

$C_6H_{10}FeO_6.3H_2O$. M.W. 288.05. Pale green-white powd. scales or crusts of small needle-shaped crystals. Sol. boil. water, alkali citrates; sl. sol. cold water and alcohol. Uses— Used as tonic in treat. of anemia.
● Pkg—25, 100, 200 lb. drums.

*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

FERROUS POTASSIUM CYANIDE see Potassium Ferrocyanide

FERROUS PROTOCHLORIDE see Ferrous Chloride

FERROUS PROTOSULFIDE see Ferrous Sulfide

FERROUS SULFATE (Copperas, Iron Sulfate, Iron Vitriol, Green Copperas, Sal Chalybis, Green Vitriol)

$FeSO_4.7H_2O$. Greenish, crystalline, efflorescent lumps or powd. Sp. gr. 1.8987. M.P. 64°C. Decomp. on further heating. Sol. water. Uses—mfr. iron acetate and other iron salt, indigo dyestuffs, Prussian blue, Berlin blue, red oxide of iron and other iron pigments, boiler compounds, fertilizers; mordant in dyeing and printing textile; weed exterminator; in lithography; purifying water; disinfectant and deodorant of sewage; photographic reagent; general reducing agent in chemical processes; in ceramics; precipitating gold from solutions; aluminum etching; electrolytic iron; tanning and dyeing leather; in writing inks; laboratory reagent; mordant in dyeing wood and wood preservative; in process engraving; in medicine. Grades—tech.; cryst.; granulated; sugar sulfate; C.P.; U.S.P.
● Pkg—100 lb. bags, 400 lb. bbls.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20

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Winthrop-Stearns INC.
1450 BROADWAY, NEW YORK 18, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J T Baker Chem Co, Phillipsburg, N J
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
E & F King & Co, 640 Pleasant St, Norwood, Mass
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*National Lead Co, 111 Broadway, N Y 6
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

FERROUS SULFIDE (Iron Sulfide, Iron Sulfuret, Pyrites, Iron Protosulfide, Ferrous Protosulfide, Iron Monosulfide)

FeS. Dark brown or black crystalline sticks or powd. Sp. gr. 4.75 to 5.40. M.P. 1197°C. Sol. acids. Uses—mfr. paint pigments, potteries, porcelains, storage batteries, sulfuric acid, liq. sulfur dioxide; laboratory reagent; generating hydrogen sulfide gas. Grades—tech. lumps and granulated.

●Pkg—25 lb. boxes, 100 lb. kegs, 500 lb. drums, 1000 lb. bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y

FERTILIZER CONDITIONERS AND FILLERS

*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Blockson Chem Co, Joliet, Ill
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Edgar Bros Co, Metuchen, N J
Elbert & Co, 2 Broadway, N Y 4
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Johns-Manville, 22 E 40 St, N Y 16
*Madison Glue Corp, 200 W 34 St, N Y 1
M Michel & Co, 90 Broad St, N Y 4
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*National Aniline Div, 40 Rector St, N Y 6
*Pronite Chem Co, 38 Sansome St, San Francisco, Cal
*Premier Peat Moss Corp, 535 5 Ave, N Y 17
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Riches-Nelson, 342 Madison Ave, N Y 17
*Ultra Chem Works, 2 Wood St, Paterson, N J
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FERTILIZERS, CHEMICAL CONCENTRATED

*American Agricultural Chem Co, 50 Church St, N Y 7
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
*Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*Davies Nitrate Co, 114 Liberty St, N Y 6
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J
Eastman Chem Products, Kingsport, Tenn
Elbert & Co, 2 Broadway, N Y 4
Faesy & Besthoff, 325 Spring St, N Y 13
*International Commodities Corp, 11 Mercer St, N Y 18
*International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill
Kingston Chem Co, 15 William St, N Y 5
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Charles Page & Co, 50 E 42 St, N Y 17
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

FERTILIZERS, NITROGEN

*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Elbert & Co, 2 Broadway, N Y 4
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
M W Hardy & Co, 141 Broadway, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
Republic Chem Corp, 94 Beekman St, N Y 38
Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

FIBERS, ASSISTANT, DYE, SYNTHETIC

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FILINGS, IRON AND STEEL

Uses—in the chemical industry for reduction purposes and as the raw material for the production of industrial iron compounds.

*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Wks, 330 Belmont Ave, Bklyn 7



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DAVCO* Quality Fertilizers
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Davison-owned and operated rock mines at Bartow, Florida assure steady flow of basic raw materials.

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For further information, write

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Sole Producers of DAVCO* Granulated Fertilizers.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

FILLERS, CRACK AND CREVICE

Powders, mixed with cold water, which make a non-shrinking, quick drying cement for patching cracks, holes, crevices, etc., in plaster and cement, etc.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Varnition Co, 416 N Varney St, Burbank, Cal

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A uniform, highly sorptive, ultrafine, chemically inert, low-cost material.

A product with properties which make it ideal for use as an anti-caking and conditioning agent; bodying, flattening and suspending agent; adsorbent, filler, extender, or polishing agent and film strengthener.

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Cable Address: "ATTACLAYCO"

FILLERS, INSULATING

Substances, usually fire-proof, not edible to vermin and rodents, etc., employed in buildings, factories, plants, etc., to shut out cold damp air and drafts, and to effect substantial fuel savings.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*English Mica Co, 79 Prospect St, Stamford, Conn
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Elec, Chem Div, Pittsfield, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Johns-Manville, 22 E 40 St, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FILLERS, LEATHER

Products which impart permanent flexibility, cover cuts and imperfections in the leather and impart a smooth, even surface. Should not "pipe," flake or crack when the leather is bent.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Apex Chem Co, 225 W 34 St, N Y 1
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Edgar Bros Co, Metuchen, N J
*English Chine Clays Sales Corp, 551 5 Ave, N Y 17
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FILLERS, LINOLEUM

Various organic and inorganic inert substances incorporated in linoleum to give bulk toughness, etc. to be finished product, wood flour, cork, whiting being examples.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Composition Materials Co, 25 W 43 St, N Y 36
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
*Hammill & Gillespie, 225 Broadway, N Y 7
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, MASONRY

Heavy coating compositions, often composed of waterproof oil, asbestos fibre and paint pigments, which are applied with a brush or by other mechanical means to exterior surfaces, principally of brick, concrete, or stucco, to place a waterproof coating on porous or leaky walls. Coatings of this type will bridge small cracks, fill in the pores, and, as they come in colors, may be used for decorative purposes also.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Edgar Bros Co, Metuchen, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J

FILLERS, MINERAL

China clay, pyrophyllite talc, calcium carbonate and other maerials used to give wt. and bulk, to suspend emulsions, to load various products, to act as extenders. Uses—mfr. rubber, paper, ceramics, soap, textiles, paints.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*English Mica Co, 79 Prospect St, Stamford, Conn
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hammill & Gillespie, 225 Broadway, N Y 7
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Johns-Manville, 22 E 40 St, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
L A Salomon & Bro, 216 Pearl St, N Y 38
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, PAINT

Materials giving body, strength or other properties to paints.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Cohutta Talc Co, P O Drawer 363, Dalton, Ga
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Edgar Bros Co, Metuchen, N J
*English China Clay Sales Corp, 551 5 Ave, N Y 17
*English Mica Co, 79 Prospect St, Stamford, Conn
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Johns-Manville, 22 E 40 St, N Y 16
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
L A Salomon & Bro, 216 Pearl St, N Y 38
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*United Clay Mines Corp, 101 Oakland St, Trenton, N J
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, PAPER

Except in high quality papers it is customary to add to the pulp a relatively cheap mineral loading material to provide bulk and also in many instances to help fill the pores. Most commonly used, and often called "loaders" are; china clay, clays, calcium sulfate. See Clays, Paper-Maker's; also Kaolin, China Clay, Calcium Sulfate, etc.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa

Gypsum Products

GYPSUM FILLERS

(Hydrous & Anhydrous)

Terra Alba

Industrial Gypsum Plasters

HYDROCAL* Super Strength Gypsum Cements

UNITED STATES GYPSUM COMPANY
Industrial Division
300 W. Adams St. **Chicago 6, Illinois**

*HYDROCAL is a trademark Reg. U.S. Pat. Off. for a super-strength gypsum cement manufactured by the United States Gypsum Co.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Johns-Manville, 22 E 40 St, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*United Clay Mines Corp, 101 Oakland St, Trenton, N J
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, PLASTIC

The use of filling materials, which include cellulose, asbestos, fabric, paper, etc., is for the value given by the special properties of these materials, better molding qualities, greater toughness and strength, and, in the case of mineral fillers, an increased degree of water and heat resistance. Wood flour is one of the most common of fillers employed. Further, mineral filled molding materials also have a lower coefficient of heat expansion and lower shrinkage in the molding operation which in some instances is an advantage. See also pitches of various types.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Brown Co, 150 Causeway St, Boston, Mass
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Colorado Asbestos & Mining Co, Box 65, 200 Plain St, S Braintree 85, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Composition Materials Co, 25 W 43 St, N Y 36
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*English Mica Co, 79 Prospect St, Stamford, Conn
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hammill & Gillespie, 225 Broadway, N Y 7
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co. 2001 Lynch Ave, E St Louis, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, RUBBER

A wide variety of inert materials, including asbestos, barytes, calcium carbonate, diatomaceous earth, cotton flock, rayon flock, fossil flour, hydrated lime, flake graphite, magnesia, mica, pumice, silica, talc, whiting, wood flour, and rubber substitute or factice, etc., are employed to reduce costs, reduce gravity, and to aid in surface finishing.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Brown Co, 150 Causeway St, Boston, Mass
Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*English Mica Co, 79 Prospect St, Stamford, Conn
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Henley & Co, 801 2 Ave, N Y 17
*J M Huber Corp, 100 Park Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Johns-Manville, 22 E 40 St, N Y 16
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Mineralite Sales Corp, 90 Pine St, N Y 5
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
L A Salomon & Bro, 216 Pearl St, N Y 38
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*United Clay Mines Corp, 101 Oakland St, Trenton, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, TEXTILE

Wide variety of products used in finishing operations to help fill the small spaces between woven or knitted fibres and to coat them so as to provide a "body" to the goods; commonly used are casein, talc, china clay, lithopone, etc.

*Apex Chem Co, 225 W 34 St, N Y 1
Charles B Chrystal, 53 Park Pl, N Y 7
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
Henley & Co, 801 2 Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maher Color & Chem Co, 355 W Ontario St, Chicago, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*United Clay Mines Corp, 101 Oakland St, Trenton, N J
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

FILLERS, WOOD

Pastes or liq. specially for sealing wood surface to make it smooth and fill the cellular spaces so that the succeeding finishing coats will not penetrate but will provide a surface finish. Pastes are often used for all open-grained woods, such as oak, ash, chestnut, while liq. are preferred for close-grained woods, such as pine, fir, gumwood, and cypress. Fillers should also aid as a bond between the wood and the finishing coats.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Baer Bros, 438 W 37 St, N Y 18
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Composition Materials Co, 25 W 43 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 13 Ave W, Seattle 99, Wash
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

FILM BASE, SCRAP

*Bell Chem Co, 25 W 44 St, N Y 36
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill

FILM BASES

Products of either a nitrocellulose or cellulose acetate composition used for the production of photographic films.

*Bell Chem Co, 25 W 44 St, N Y 36
Eastman Chem Products, Kingsport, Tenn
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill

FILTER AIDS

Substances that facilitate the removal of suspended matter in a filtration process.

*Brown Co, 150 Causeway St, Boston, Mass
*Colorado Asbestos & Mining Co, Box 65, 200 Plain St, S Braintree 85, Mass

FILTERAIDS and FILLERS

DICALITE FILTERAIDS—used in conjunction with pressure and vacuum filters of all kinds in clarification of chemicals, food products, oils, varnish, beer and wine, pharmaceuticals and antibiotics, sugars, waxes and many other products. The unique structure of the diatom particles forms a filter cake having finer yet greater porosity. Suspended solids are removed to give brilliant clarity. Flowrates are fast for high level output. Quality of product is maintained and production costs lowered.

MINERAL FILLERS—inert, light in weight, highly absorptive and having very large surface area. Supply bulk without material weight increase; add strength, toughness and resistance to abrasion; improve elasticity and reduce brittleness — according to product in which used. Over 50 special grades supplied for paints, paper, polishes, asphalt compounds, plastics and many other products.

DICALITE DIVISION
GREAT LAKES CARBON CORP'N
New York 17 • Chicago 1 • Los Angeles 17

Dependable GREAT LAKES Dicalite® DIATOMACEOUS MATERIALS

FILTER AIDS Celite® MINERAL FILLERS

Celite Filter Aids, the original diatomaceous silica filter powders, provide efficient, low-cost clarification in filtering of numerous liquids ranging from sugar and syrups to drugs and lubricants. Available in many standard grades to provide any desired degree of clarity at the highest rate of flow.

Celite Mineral Fillers have been developed in varying grades for many industrial processes. They provide such product improvements as added bulk, reduction of gloss, increased hardness and toughness, removal of stickiness, control of body, higher melting point, improved dispersion, etc.

Write for samples and complete information

Johns-Manville
22 EAST 40th STREET NEW YORK 16, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TEXTILE FINISHES

STANDAFIN*

Resins, weighters, and water repellent finishes.

STANSET

Thermosetting resin imparting complete washability, resistance to wrinkling and stabilization against shrinkage.

SAMPLES AND DEMONSTRATION ON REQUEST

REG. U. S. PAT. OFF.

STANDARD CHEMICAL PRODUCTS, INC.
1301 JEFFERSON STREET,
HOBOKEN, NEW JERSEY

Textile Finishes

LUPOMIN
(Cation Active)
LUPOMIN Q
(Quaternary Ammonium Compound)
CANTSLIP W-1186
W-545 T
CHAFE REMOVER
LUPOSEC
(Water Repellent)
WEIGHTER FINISH M
CREAM SOFTENERS
(Various Strengths)
DELEINE
(Antifume Agent for Acetate Colors)
MELEINE
(Gas Fading Inhibitor for Acetates, Incl. Resin Treated Materials)

Ask for Catalog

JACQUES WOLF & CO.
Chemicals PASSAIC, N.J.

Passaic, N.J. • Carlstadt, N.J. • Los Angeles, Calif.

FILTER AIDS, continued

*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Floridin Co, 220 Liberty St, Warren, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
L A Salomon & Bro, 216 Pearl St, N Y 38
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Westvaco Chem Div, 161 E 42 St, N Y 17

FILTER MATERIALS

Products which are used for the clarification of sugars, chemicals, oils, fruit juices, varnish, and a wide variety of products where a filtering operation is necessary.

*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Brown Co, 150 Causeway St, Boston, Mass
*Colorado Asbestos & Mining Co, Box 65, 200 Plain St, S Braintree 85, Mass
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
L A Salomon & Bro, 216 Pearl St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FINISHES, ALCOHOL-RESISTANT

*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*Varnlton Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

FINISHES, BAKE

*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave, S W Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

FINISHES, JAPAN

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

FINISHES, LEATHER

Preps. used to impart softness, pliancy, "feel," in certain cases resistance to water.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave, S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Kapec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*J Landau Co, 221 Wooster St, N Y 12
*Lloyd Labs, 23 Caller St, Peabody, Mass
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Jacques Wolf & Co, Passaic, N J

FINISHES, LEATHER GLAZED

Specially formulated products used to give a beautiful, uniform lustre, sheen, "feel," to glazed leathers, dress sideleathers, etc.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway Newark 4, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

FINISHES, PATENT LEATHER

*Apex Chem Co, 225 W 34 St, N Y 1
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

FINISHES, PIGMENTED LEATHER

Highly specialized finishes used by leather-dressers for renovating or restoring surface colors.

*Apex Chem Co, 225 W 34 St, N Y 1
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Harwick Chem, First National Bank Bldg, Butler, Mo
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Lloyd Labs, 23 Caller St, Peabody, Mass
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col

FINISHES, TEXTILE

Starches, gums, softening agents, filling agents, and weighters used to treat fabrics after mercerizing and dyeing operations.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Bell Chem Co, 25 W 44 St, N Y 36
Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Calco Chem Div, Bound Brook, N J
*Catalin Corp of America, 1 Park Ave, N Y 16
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Continental Chem Co, 195 21 Ave, Paterson, N J
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Starch Products, 270 Madison Ave, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ross & Rowe, 50 Broadway, N Y 4
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Textile Proofers, 181-193 Culver Ave, Jersey City 5, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

FINISHES, WRINKLE

*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FIRE EXTINGUISHER CHARGES

Chemicals or compounds employed in fire extinguishers to provide a cloud of non-combustible gases, liq., or fire-smothering foam or coating which surrounds any burning object and produces a medium which will not support combustion. See Sodium Bicarbonate, Carbon Tetrachloride, etc.

*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dow Chem Co, Midland, Mich
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mearl Corp, 153 Waverly Pl, N Y 14
Merchants Chem Co, 60 E 42 St, N Y 17
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Spick Products Co, Athens, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

FIREPROOFING COMPOUNDS, FABRIC

Specially formulated compounds that emit flame-quenching vapors, that deliquesce, or readily fuse and protect the fiber from combustion by excluding air. Usually contained in the formulae are: boric acid or borates, and ammonium phosphates or sulfates. Where laundry-fast flame-proofing agents are required the insol. stannates and tungstates are usually employed.

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
Croton Chem Corp, 114 Liberty St, N Y 6
*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Huntington Labs, E Tipton St, Huntington, Ind
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Emil Klem, 88 I St, Salt Lake City, Utah
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Roscoe Labs, 367 Hudson Ave, Bklyn 1, N Y
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Textile Proofers, 181-193 Culver Ave, Jersey City 5, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FIREPROOFING COMPOUNDS, WOOD

Chemicals or specially prepared combinations of chemicals which when applied to wood will not actively support combustion, thus preventing the wood from bursting into flame, but charring instead. In most cases the chemicals used to impregnate the wood when heated emit a smothering gas or composition of gases which will keep oxygen from air from supporting combustion.

J M Baird Co, 254 W 31 St, N Y 1
*Cole Labs, 42-25 9 St, L I C 1, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Emil Klem, 88 I St, Salt Lake City, Utah
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Sterone Corp, 250 W 57 St, N Y 19
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FISH GLUE see Isinglass

FISH GUANO see Fish Scrap and Meal

FISH SCRAP AND MEAL (Fish Guano)

Source of nitrogenous fertilizer material. Definitions of the Association of Official Agricultural Chemists include the following:—Acidulated Fish Tankage, Acidulated Fish Scrap is the rendered product derived from fish and treated with sulfuric acid. Fish Tankage, Fish Scrap, Dry Ground Fish, Fish Meal Fertilizer Grade is the dried ground product derived from rendered or unrendered fish.

*J M Baird & Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Elbert & Co, 2 Broadway, N Y 4
M W Hardy & Co, 141 Broadway, N Y 6
Kolon Trading Co, 15 Park Row, N Y 38
*Mearl Corp, 153 Waverly Pl, N Y 14
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
Welch, Holme & Clark, 439 West St, N Y 14

FIXATIVES, PERFUMES

Materials that blend and make permanent perfume odors. Until recently the fixatives were exclusively of animal origin (musk, civet, castoreum and ambergris are the most important) but synthetically produced fixatives are now available, as for example, artificial musk.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Atlas Powder Co, Wilmington 99, Del
*Bell Chem Co, 25 W 44 St, N Y 36
*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*M Michel & Co, 90 Broad St, N Y 4
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Polak's Frutal Works, Middletown, N Y
*P Robertet, 125 E 23 St, N Y 10
*Roure DuPont, 366 Madison Ave, N Y 17
van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FIXED NITRE see Potassium Carbonate

FIXERS, PHOTOGRAPHIC

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Philip A Hunt Co, Palisades Park, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*L B Russell Chem, 60 Orange St, Bloomfield, N J

FIXING AGENTS, TEXTILE

Products to improve the fastness of direct dyes in after-treatment of the goods.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*Maher Color & Chem Co, 355 W Ontario St, Chicago, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Refined Products Corp, 624 Schuyler Ave, Lnydhurst, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Tex Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FLAKE WHITE see Bismuth Subnitrate

FLAMEPROOFING COMPOUNDS

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
Croton Chem Corp, 114 Liberty St, N Y 6
*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

DAVISON

SYLOID* 308 Lacquer Flatting Agent
SYLOID* 162 Alkyd-Urea Varnish Flatting Agent
SYLOID* AL-1 Prevents Gas Build-up in Metallic Paints
*T.M. Reg. U. S. Pat. Off.

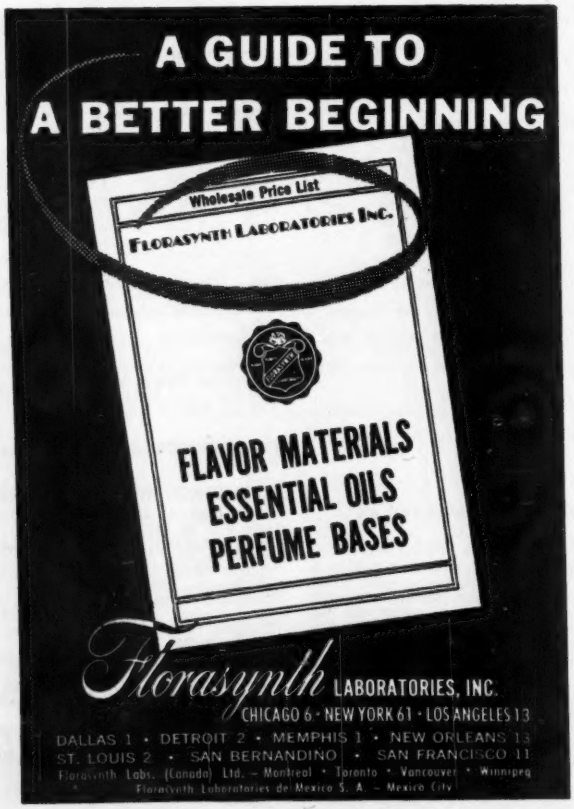
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•
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330 West 42nd Street • New York 36, N. Y.



FLAMEPROOFING COMPOUNDS, continued

*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Emil Klem, 88 I St, Salt Lake City, Utah
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Textile Proofers, 181-193 Culver Ave, Jersey City 5, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

FLATTING AGENTS

Products which impart a flat or dull appearance to finishes of enamels, lacquers, varnishes.

*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Brown Co, 150 Causeway St, Boston, Mass
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Johns-Manville, 22 E 40 St, N Y 16
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

FLAVORS, BAKERS' & CONFECTIONERS'

Wide variety of imitation and true fruit flavor bases employed by bakers and confectioners.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Dodge & Olcott, 180 Varick St, N Y 14
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis, Mo
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perfection Co, 211 S 5 St, P O Box 204, Waco, Tex
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*H C Ryland, 161 Water St, N Y 38
*Seeley & Co, 1 Main St, Nyack, N Y
*Shields Buying Service, 15 Moore St, N Y 4
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
*Sterwin Chem, 1450 Broadway, N Y 18
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAVORS, BOTTLERS'

Wide variety of preps., both natural and synthetically prepared, used for flavoring soft drinks and other beverages.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Dodge & Olcott, 180 Varick St, N Y 14
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perfection Co, 211 S 5 St, P O Box 204, Waco, Tex
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*H C Ryland, 161 Water St, N Y 38
*Seeley & Co, 1 Main St, Nyack, N Y
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAVORS, CONDIMENTS

Products which add brilliancy, eliminate specks, do not discolor and keep flavor definite and uniform. The more generally used flavors are: Barbecue relish, garlic, onion, horseradish, pork and bean; sour and sweet pickle, tomato catsup, blended spices, etc.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Edwal Labs, Ringwood, Ill
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, Inc, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perfection Co, 211 S 5 St, P O Box 204, Waco, Tex
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*H C Ryland, 161 Water St, N Y 38
*Seeley & Co, 1 Main St, Nyack, N Y
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Torre Products Co, 52-54 Wooster St, N Y

FLAVORS, FRUIT, NATURAL

Fruit flavors prepared from the natural fruit and preserved by harmless products to prevent decomposition and spoilage.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Perfection Co, 211 S 5 St, P O Box 204, Waco, Tex
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
Ross & Rowe, 50 Broadway, N Y 4
*Seeley & Co, 1 Main St, Nyack, N Y
*Shields Buying Service, 15 Moore St, N Y 4
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen Haebler, 521 W 57 St, N Y 19

FLAVORS, FRUIT, SYNTHETIC

Preps., synthetically produced, which faithfully reproduce the flavoring properties of the natural fruits. Should be perfectly wholesome and free from all deleterious substances, and are generally employed in flavoring beverages, jams, jellies, candies, condiments and other products.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Dow Chem Co, Midland, Mich
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13

MONSANTO
FLAVOR AND AROMA PRINCIPLES

Ethavan (Ethyl Vanillin Monsanto)
Vanillin Monsanto, U.S.P.
Methyl Salicylate Monsanto, U.S.P.
(Synthetic Oil of Wintergreen)

For specifications, see listings in Raw Materials Section.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
Ethavan: Reg. U. S. Pat. Off.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

manufacturers of ATLAS
genuine fruit and imitation
FLAVORING EXTRACTS
pure and imitation
VANILLA EXTRACTS
CONCENTRATES

KOHNSTAMM & CO., Inc.
MANUFACTURING CHEMISTS • ESTABLISHED 1851
89-93 PARK PLACE, NEW YORK 7 • 11-13 E. ILLINOIS STREET, CHICAGO 11



Remember!
Come to NORDA for
"A favorite to flavor it"

Good taste means Norda . . . good taste means good sales. Norda Flavors are popular. You will see why when you try them. Ask Norda for samples of just what you want. Send today for new Norda Flavor Catalogue, too.

Norda ESSENTIAL OIL AND CHEMICAL COMPANY, INC.
601 West 26th Street, New York 1, N. Y.
CHICAGO LOS ANGELES ST. PAUL MONTREAL
TORONTO HAVANA MEXICO CITY
LONDON PARIS

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



FLAVORS, FRUIT, SYNTHETIC, continued

*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
Ross & Rowe, 50 Broadway, N Y 4
*H C Ryland, 161 Water St, N Y 38
*Seeley & Co, 1 Main St, Nyack, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAVORS, LIQUORS AND CORDIALS

Special formulae employed by the blender and rectifier for flavoring alcoholic beverages. The following are the most common: for whiskies, Bourbon, rye, Scotch, Irish; for gins, Holland, London, Tom; for brandies, apple, apricot, blackberry, sherry, cognac, peach; for rums, Jamaica, New England, Santa Cruz, etc.; for cordials, Absinthe, Anisette, Benedictine, Chartreuse, Courtreau, Curacoa, Creme de Cafe, Creme de Cocoa, Creme de Menthe, Kirschwasser, Kummel, Maraschino, Orange, Rose, etc.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
Ross & Rowe, 50 Broadway, N Y 4
*Seeley & Co, 1 Main St, Nyack, N Y
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAVORS, MEAT PACKERS'

Products employed by mfr. of bologna, frankfurters, liverwurst, sausage, salt and smoked meats, etc., to improve the taste, odor of their products.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, Inc, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perfection Co, 211 S 5 St, P O Box 204, Waco, Tex
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*H C Ryland, 161 Water St, N Y 38
*Torre Products Co, 52-54 Wooster St, N Y

FLAVORS, PHARMACEUTICAL

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Dodge & Olcott, 180 Varick St, N Y 14
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, Inc, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
*Polarome Mfg Co, 73 Sullivan St, N Y
*H C Ryland, 161 Water St, N Y 38
E O Schaeffer Chem Co, 381 4 Ave, N Y
*Seeley & Co, 1 Main St, Nyack, N Y
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAVORS, TOBACCO

Variety of preps. used on tobacco to impart special flavor and aroma.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Alex Fries & Bro, 1403 Central Pkwy, Cincinnati 14, Ohio
*Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan Flavors, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
Ross & Rowe, 50 Broadway, N Y 4
*H C Ryland, 161 Water St, N Y 38
*Seeley & Co, 1 Main St, Nyack, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

FLAX SEED (Linseed, Linum)

Ripe seeds of Linum usitatissimum. Habitat—everywhere in cultivated state. Uses—source of linseed oil; in medicine. Grades—tech.; U.S.P.

Dalton-Cooper, 200 W 34 St, N Y 1
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Howe & French, 99 Broad St, Boston, Mass
Meer Corp, 318 W 46 St, N Y 36
Mutchler Chem Co, 258-259 Broadway, N Y
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Rosenthal Bercow Co, 25 E 26 St, N Y

FLAX SEED, MEAL

H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Rosenthal Bercow Co, 25 E 26 St, N Y
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal

FLEASEED see Psyllium Seed

FLEAWORT see Psyllium Seed

FLINT (Flintstone)

Natural. Brownish-black gray crystalline or brown lumps. Sp. gr. 2.6. Sol. hydrofluoric acid; insol. water. Uses—mfr. flint glass, stoneware, agate mortars, porcelain, pottery, enamelware, road metal, concrete, refractory bricks: abrasive; polishing; as balls for ball mills; graining lithographic plates; chemical tower packing. Grades—commerical.

Charles B Chrystal, 53 Park Pl, N Y 7
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*New Process Metals, 46-50 Center St, Newark 2, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FLINTSTONE see Flint

FLOCK

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Brown Co, 150 Causeway St, Boston 14, Mass
*Compositions Materials Co, 25 W 43 St, N Y 36
*William D Egleston Co, 249 5 St, Cambridge 42, Mass
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash
*Shieldalloy Corp Div, 100 Park Ave, N Y 17

FLOCK, CELLULOSE

White, ground-up paper. Uses—filler for compositions such as plastics; other uses similar to paper flock but where color uniformity is specified.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Brown Co, 150 Causeway St, Boston 14, Mass
*William D Egleston Co, 249 5 St, Cambridge 42, Mass
*Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash

FLOCK, COTTON

Short pieces of cotton goods approx. 1/64" in length. Uses—for compositions such as plastics, rubber, etc.; artificial flowers; produce suede finish on plastics, metals, paper.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Compositions Materials Co, 25 W 43 St, N Y 36
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio

FLOCK, WOOD

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Brown Co, 150 Causeway St, Boston 14, Mass
*Puget Sound Pulp & Timber Co, 300 Laurel St, Bellingham, Wash

FLOOR SURFACERS

Preps. applied to new or worn concrete floors to prevent dusting, disintegration, formation of ruts and holes, and to correct such conditions where they already exist; also other types to prevent dusting, splintering, and disintegration of wood floors and to renew the life, resilience, toughness and durability of the wood by restoring to its pores natural gums, oils, and resins that wear and tear have removed.

*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

FLORES MARTIS see Ferric Chloride

FLORSPAR see Fluorspar

FLOTATION AGENTS

Chemicals and specialty compounded products used in ore treating to float the minerals in a froth permitting separation from the ore pulp. Oil and oily substances were the first flotation agents. With the introduction of selective flotation xylidine, alphanaphthalamine, thiocarbanilide, orthotoluidine, certain of the thiourea, potassium xanthate, sodium xanthate, certain of the amyl compounds, cresylic acid, pine oil, etc., were utilized.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dow Chem Co, Midland, Mich
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*A Gross & Co, 295 Madison Ave, N Y 17
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Maher Color & Chem Co, 355 W Ontario St. Chicago 10, Ill
Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
National Aniline Div, 40 Rector St, N Y 6
*Newport Industries, 230 Park Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

FLOTATION REAGENTS

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*M Michel & Co, 90 Broad St, N Y 4
*Newport Industries, 230 Park Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Wheeler, Reynolds & Stauffer, 636 California St, San Francisco 8, Cal

FLOWERS OF ANTIMONY see Antimony Oxide

FLOWERS OF BISMUTH see Bismuth Trioxide

FLOWERS OF ZINC see Zinc Oxide

FLUIDS, SILICONE

*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17

FLUOR see Fluorspar

FLUORENE

$C_{13}H_{10}$. M.W. 166. F.P. 110°C. White crystalline solid, sol. in aromatic solvents but not in water. Apart from the reactivity of the CH_2 group, fluorene undergoes the halogenation, sulfonation and nitration reactions characteristic of aromatic compounds. Intermediates from fluorene have uses in making resinous products, insecticides, dyestuffs, etc.

● Pkg—1, 5, 10, 25, 50 lb. pkgs., 200 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Lack Chem Co, 19 Park Pl, N Y 7
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

FLUORESCEIN (Resorcinolphthalein, Tetraoxyphthalophenonanhydride)

$C_{20}H_{12}O_5$. M.W. 332.30. Yellowish-red powd. Sl. sol. water, ether. Sol. alcohol. Uses—medicine, indicator in analyses.

● Pkg—Custom packed.

*Calco Chem Div, Bound Brook, N J
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
Republic Chem Corp, 94 Beekman St, N Y 38

FLOTATION AGENTS

For greater productivity and more effective separation, investigate Armour's specification chemical reagents.

Armour's cationic reagents include ARMEENS (high molecular weight aliphatic amines), ARMACS (their water-soluble acetate salts), and ARQUADS (quaternary ammonium salts). Armour's anionic reagents are NEO-FATS (special fractionally distilled fatty acids). All are available in commercial quantities. For technical advice and samples, write:

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Armour and Company
1355 W. 31st Street • Chicago 9, Illinois

SOLKA®-FLOC

Purified, finely divided wood cellulose. High versatility. Wide acceptance.

PRINCIPAL APPLICATIONS—Raw material in manufacture of cellulose derivatives • Processing aid in rubber compounds • Filler in plastics • As a filter aid.

Other applications are many and varied. Ask our Technical Service Staff to help work out your applications or ideas. Write Dept. FS, Boston office.

BROWN COMPANY, Berlin, New Hampshire
CORPORATION, La Tuque, Quebec

General Sales Offices: 150 Causeway Street, Boston 14, Massachusetts
Dominion Square Building, Montreal, Quebec

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ORGANIC CHEMICALS

Anthrone
1,2,3,4-Tetracarboxybutane (TCB)
2,4-Dinitrofluorobenzene
Reinecke Salt
Phenylfluorone (For Germanium)
Thoron (For Thorium)
Tetrahydroxyquinone
p-Fluoroaniline
o-Fluoroanisole
p-Fluoroanisole
m-Fluorobenzaldehyde
o-Fluorobenzaldehyde
p-Fluorobenzaldehyde
Fluorobenzene
m-Fluorobenzoic Acid
o-Fluorobenzoic Acid
p-Fluorobenzoic Acid
1-Fluoro 2,4-Dinitrobenzene
Fluoroethanol
m-Fluorophenetole
o-Fluorophenetole
p-Fluorophenetole
o-Fluorophenol
p-Fluorophenol
p-Fluoronitrobenzene
m-Fluorotoluene
o-Fluorotoluene
p-Fluorotoluene

JASONOLS CHEMICAL CORP.
1085 Myrtle Avenue, Brooklyn 6, N.Y.
Telephone EVergreen 6-1130

FLUORINE

*General Chem Div, 40 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

FLUORITE see Fluorspar

FLUOROL see Sodium Fluoride

FLUORSPAR (Calcium Fluoride, Derbyshire Spar, Fluor, Fluorite, Florspar, Stilliceous Sinter)

CaF_2. Varying color. Hardness 4. Sp. gr. 3.15-3.18. M.P. 1650°F. Sol. concentrated acids. Uses—mfr. hydrofluoric acid, fluorine fluorides, chinaware, enameled ware, stoneware, carbon electrodes; in preserving wood; etching glass; lessening consumption of fuel in cement kilns; as cement ingredient; general metallurgical flux in iron, brass, steel, antimony, lead, aluminum, gold, silver, copper, ferrosilicon and ferromanganese metallurgy; binder and adhesive in making abrasives, emery wheels, etc.; in medicine. Grades—powdered; lump; gravel; 80, 90, 95, 98% CaF_2.
● Pkg—100 lb. bags.

Aluminum Import Corp, 630 5 Ave, N Y 20
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*H W Gould & Co, 1100 Mills Tower, San Francisco 4, Cal
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Selling Corp, 122 E 42 St, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
*Metallurg, Inc, 100 Park Ave, N Y 17
*Nopel Corp, 2 Broadway, N Y 4
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

1-FLUORO 2,4-DINITROBENZENE

*Jasonols Chem Corp, 1085 Myrtle Ave, Brooklyn 6, N Y

FLUOROETHANOL

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7

FLUXES

Products used to remove the metallic oxides (rust) from the surface of metals before soldering or welding to provide a clear, clean surface for the bond.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Foundry Services, 280 Madison Ave, N Y 16
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Industrial Service Labs Div, 710 National Ave, Milwaukee 4, Wis
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*National Lead Co, 111 Broadway, N Y 6
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
Whittaker, Clark & Daniels, 260 Broadway, N Y 13

FLUXES, FOUNDRY

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Chem Co, Midland, Mich
*Foundry Services, 280 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

FLUXES, SOLDERING

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*American Chemical Paint Co, Ambler, Pa
*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Geo Callahan & Co, Closter, N J
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Service Labs Div, 710 W National Ave, Milwaukee 4, Wis
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Klem Chem, 14401 Lanson, Dearborn, Mich
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M C Supply Co, Box 321, Muskegon, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*National Lead Co, 111 Broadway, N Y 6
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Ruby Chem Co, 68-70 McDowell St, Columbus 8, Ohio

FLUXES, WELDING

Welding fluxes in the form of powd. are used in welding certain metals. In general, the purposes of fluxes are as follows:—1. To float all impurities to the surface of the molten metal; 2. To cleanse the weld by chemical action; 3. To protect the molten metal against oxidation by contact with the air, and to dissolve any oxide that may have existed in the metal at the weld; 4. To aid fusion, between the molten metal from the filler rod and the metal being welded. In the welding of steel castings, plates and wrought iron, no flux is required ordinarily, but the use of the proper flux when welding with cast iron, bronze, brass, copper and aluminum is essential only from the standpoint of weld quality, but is economical in speeding up the rate of welding.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Chem Co, Midland, Mich
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

FLUORINE COMPOUNDS

For Production • Research • Product Development

ACIDS
Fluoboric Acid
Fluosulfonic Acid
Hydrofluoric Acid
Hydrofluoric Acid, Anhy.
Hydrofluoric Acid, Anhy. (High purity grade)

ACID FLUORIDES
Ammonium Bifluoride
Potassium Bifluoride
Sodium Bifluoride

ALKALI FLUOBORATES
Ammonium Fluoborate
Potassium Fluoborate
Sodium Fluoborate

ALKALI FLUORIDES
Ammonium Fluoride
Potassium Fluoride
Sodium Fluoride

DOUBLE FLUORIDES
Potassium Aluminum Fluoride
Chromium Potassium Fluoride
Potassium Ferric Fluoride
Potassium Titanium Fluoride

METAL FLUORIDES
Aluminum Fluoride
Aluminum Fluoride, Crystal
Antimony Trifluoride
Antimony Pentafluoride
Barium Fluoride
Cadmium Fluoride
Calcium Fluoride
Chromium Fluoride
Copper Fluoride
Ferric Fluoride
Lead Fluoride (Tetra)
Magnesium Fluoride
Mercuric Fluoride
Molybdenum Hexafluoride
Nickel Fluoride
Silver Fluoride
Strontium Fluoride
Titanium Tetrafluoride
Tungsten Hexafluoride
Zinc Fluoride
Zirconium Tetrafluoride

METAL FLUOBORATE SOLUTIONS
Cadmium Fluoborate
Chromium Fluoborate
Cobalt Fluoborate
Copper Fluoborate
Ferrous Fluoborate
Indium Fluoborate
Lead Fluoborate
Nickel Fluoborate
Silver Fluoborate
Stannous (Tin) Fluoborate
Zinc Fluoborate

NON-METAL FLUORIDES
Boron Fluoride Gas
Boron Fluoride—Diethyl Ether Complex
Boron Fluoride—Phenol Complex
Boron Fluoride—Other Complexes
Sulfur Hexafluoride

HALOGEN FLUORIDES
Bromine Trifluoride
Bromine Pentafluoride
Chlorine Trifluoride
Iodine Pentafluoride

ORGANIC FLUORINE COMPOUNDS
Genetron® 11—CCl_3F
Genetron 12—CCl_2F_2
Genetron 100—$CH_2 \cdot CHF_2$
Genetron 101—$CH_2 \cdot CClF_2$
Genetron 131—$CCl_2 \cdot CClF_2$
Genetron 150—$CH_2{=}CF_2$
Genetron 160—$CHCl{=}CF_2$
Genetron 170—$CCl_2{=}CF_2$
Genetron 265—$CClF{=}CF_2$
Genetron 102J and P (Special Propellant Mixes)
Genetron 11 and 12 (Special Propellant Mixes)

OTHER PRODUCTS—SEE INSIDE BACK COVER

GENERAL CHEMICAL DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.
CABLE ADDRESS: "LYCURGUS" NEW YORK, N. Y.
Offices in Principal Cities—See Directory Section

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

FOAMING AGENTS

Preps. employed to produce a stable foam or lather. Uses—in mfr. of lathering soapless shampoos; increasing foam in tooth pastes, shaving creams, etc.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Airose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Arai Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Godfrey L Cabot, Inc, 77 Franklin St, Boston 10, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Falick Products Co, 163 Broadway, N Y 6
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*B L Lemke & Co, 199 Main St, Lodi, N J
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mearl Corp, 153 Waverly Pl, N Y 14
M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St. Louis 4, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*George B. Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Stepan Chem Co, 3250 S. Kedzie Ave, Chicago 23, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Superior Materials, 120 Liberty St, N Y 6
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

FOOL'S GOLD see Pyrites

FORMAL see Methylal

FORMALDEHYDE (Formalin, Formic Aldehyde, Formol, Formalith, Oxymethylene, Methyl Aldehyde, Adorin, Aldoform, Formitrol, Formolyptyol, Festoform, Preservaline, Methanal, Methylene Oxide)

HCOH. Colorless liq.; suffocating, pungent odor. Sp. gr. 1.075-1081. B.P. (gas) —21°C. Miscible water, alcohol. Uses—mfr. intermediates, pharmaceuticals, formals, formic acid, urea, hydrosulfite derivatives, acetaldehyde, paraformaldehyde, hexamethylenetetramine, triphenylamethane, anthracene and quinolin dyes, auramine, acridine, synthetic resins with phenol cresol and urea, explosives, synthetized gum and resin lacquers, rayon and cellulose esters, disinfectant soaps, dextrins, starches, embalming fluids, adhesives, beer; as deodorant, disinfectant aniseptic; preservative in meats, milk, foods, rubber latex, sugar syrups, vinous liquors, biological specimens; gelatinizing agent for nitro-cotton; reducing agent in gold and silver recovery; hardening agent in making gelatin photographic plates and papers; developing agent with hydroquinone; insolubilizing agent in casein plastics; disinfectant in water and sanitation; ingredient of various pharmaceutical preps.; yeast stimulant; as fungicide, larvacide and in treating various plant diseases, such as stinking smut on wheat; in silvering mirrors; coagulating latex; water-proofing fabrics; dyeing and mordanting textiles; bleaching and weighting silk; stiffening and preserving grain in leather; tanning leather; waterproofing paper by means of gelatine and glue impregnation; waterproofing straw hats; fixing hair on furs; toning gelatine chloride papers; in ceramic, laundry, and fertilizer industries; therapeutic preps. from wood, tar, oils; insect sting remedies; in medicine. Grades—C.P.; U.S.P.; 40% by volume solution formaldehyde gas in water.

●Pkg—60, 125, 200 lb. kegs, 450, 475 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Quinine Co, 15 William St, N Y 5
*Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J

IF YOU NEED TO BUILD AND STABILIZE FOAM IN

- LIQUID DETERGENTS
- INDUSTRIAL CLEANERS
- FIRE-FIGHTING SOLUTIONS
- BUFFING and POLISHING COMPOUNDS
- COSMETICS and BUBBLE BATH
- POLISHES
- ORE FLOTATION SOLUTIONS
- PIGMENTS

use ONYX-OL

There is no better choice for building dense, small-bubble, highly stable foam for these and similar purposes.

In addition to **ONYX-OL 336** (liquid fatty acid dialkanolamide) and **ONYX-OL 368** (fatty acid monoalkanolamide) Onyx also offers fatty acid types to meet every need.

ONYX
OIL & CHEMICAL COMPANY
JERSEY CITY 2, N. J.
Chicago • Boston • Charlotte • Atlanta
WEST COAST: E. S. Browning Co., San Francisco, Los Angeles
EXPORT: Onyx International, Jersey City 2, N.J.

NITROGEN DIVISION ALLIED CHEMICAL

Formaldehyde

Other Nitrogen Division Products

Methanol
Ammonia Liquor
Ammonium Nitrate Solutions
Ammonium Sulphate
Anhydrous Ammonia
Diethylene Glycol
Ethylene Glycol
Ethylene Oxide
Nitrogen Solutions
Nitrogen Tetroxide
Sodium Nitrate
U.F. Concentrate-85
Urea

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N.Y.

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DU PONT
REG. U.S. PAT. OFF.

FORMALDEHYDE
N. F. and LOW METHANOL, 37%
PARAFORMALDEHYDE
HEXAMETHYLENETETRAMINE

E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON 98, DELAWARE

See Our Catalog Ad

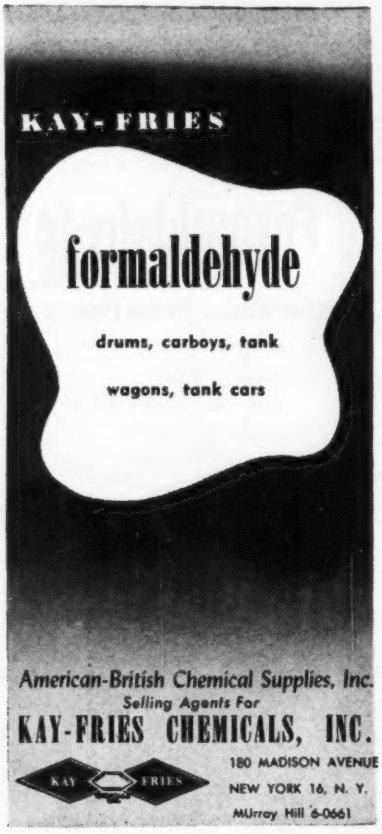
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SODIUM PHOSPHATES
FORMALDEHYDE CRESYLIC ACID
SODIUM FLUOSILICATE

RN

TEL: MURRAY HILL 7-7267
CABLE: RICNELCHEM, N. Y.

RICHES-NELSON, INC.
Chemicals and Allied Products
342 MADISON AVENUE NEW YORK 17, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



FORMALDEHYDE, continued

Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Kay-Fries Chem, 180 Madison Ave, N Y 16
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lallarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St. Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe, 76 9 Ave, N Y 11
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

FORMALIN see Formaldehyde

FORMALITH see Formaldehyde

FORMAMIDE

$HCONH_2$. M.W. 45.1. Heavy, colorless, odorless, hygroscopic liq. Decomp. at B.P. (19°C): F.P. 2.55°C. Uses—solvent and substitute for glycerine; prod. of resins, formic acid and hydrogen cyanide. ●Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

FORMANILIDE

C_6H_5NCHO. Colorless to yellow crystalline. Solid. Sp. gr. 1.112 (60°C). M.P. 46°C. B.P. 271°C. Sol. water, ether. Uses—mfr. intermediates, organic chemicals; in medicine.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

FORMIC ALDEHYDE see Formaldehyde

o-FORMIC ESTER see Triethyl o-Formate

FORMIC ESTER, NORMAL see Amyl Formate

FORMIC ETHER see Ethyl Formate

FORMIN see Hexamethylenetetramine

FORMITROL see Formaldehyde

FORMOL see Formaldehyde

FORMOLYPTYOL see Formaldehyde

FORMONITRILE see Acid, Hydrocyanic

FORMYL TRICHLORIDE see Chloroform

FORMYL TRIIODIDE see Iodoform

FOSSIL FLOUR—see also Diatomaceous Earth

For uses see Diatomaceous Earth. Grades—tech.; U.S.P. ●Pkg—50 lb. bags.

Hammill & Gillespie, 225 Broadway, N Y 7
*Johns-Manville, 22 E 40 St, N Y 16
L A Salomon & Bro, 216 Pearl St, N Y 38
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FOSSOLIN see Petrolatum

FOUNDRY CORE WASH

Clay, charcoal, graphite, etc., washes applied to foundry cores before using. Employed in any place where a strong bond is required.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Foundry Services, 280 Madison Ave, N Y 16
*Mineralite Sales Corp, 90 Pine St, N Y 5
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Petron Corp, 7740 W 47 St, Lyons, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

FOUNDRY FACING

A graphite product used on the surfaces of sand and similar type molds to provide clean and smooth cleavage between mold and casting surfaces.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Calumet Talc Co, P O Drawer 363, Dalton, Ga

FINE HEYDEN CHEMICALS

formaldehyde

N.F. Solution and 37% METHANOL-FREE Solution

Extensively used in synthetic resins, plastics, tanning, textile and many process industries. Supplied in tank cars, trucks, drums, carboys and bottles. Methanol-Free in tanks only.

PARAFORMALDEHYDE

(Powder, Flo Granules, Granules)

Minimum assay 95%. Meets U.S.P. X and photographic grade requirements. Packed in fiber drums—250, 100, 50, 25 lbs.

HEXAMETHYLENETETRAMINE

U.S.P. and Technical (Granular and Powder)

Used in the pharmaceutical, plastics and chemical industries. U.S.P. grade packed in fiber drums—200, 100, 25 lbs. Technical grade packed in fiber drums and multi-wall bags.

HEYDEN CHEMICAL CORPORATION

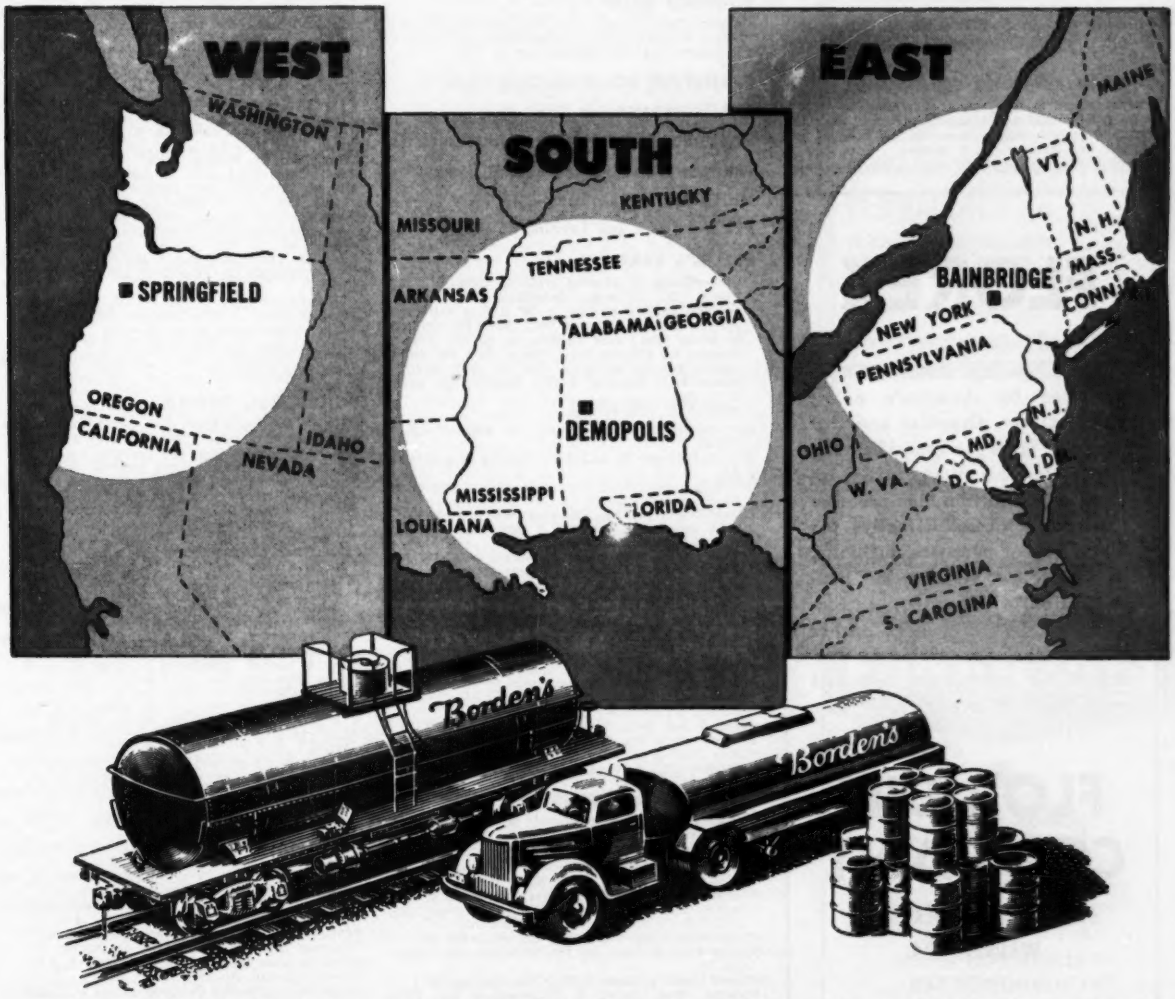
342 MADISON AVENUE, NEW YORK 17, N.Y.

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*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Borden's FORMALDEHYDE

now available from these 3 "next door" plants:



Look up "Borden's" next time you need formaldehyde.

If you're inside one of the 300-mile circles shown above, Borden's can probably deliver your formaldehyde by tank truck. Fast service and frequent service, so that you don't need large storage tanks.

If you're outside the circles, get Borden's prices on tank car (6,000-gallon "Split cars,"—8,000 or 10,000-gallon full cars) and drum shipments.

TYPES AVAILABLE:

37% inhibited (also known as "Formalin," "U.S.P." or "N. F." formaldehyde). Shipped in tank cars, tank trucks, drums.

37% uninhibited. Shipped in tank cars or tank trucks.

44% inhibited or uninhibited. (Shipped in tank cars or tank trucks from Bainbridge, N.Y. or Demopolis, Alabama only.)

Borden's formaldehyde is made in completely modern, automatic equipment that assures uniformity of quality and trouble-free formulating in your plant. It's made to meet your specifications for acidity, methanol content, etc.

Write, wire or phone for a quotation. Address: *The Borden Company, Chemical Division, 350 Madison Avenue, Dept. CW-93, New York 17, N. Y.* H.3.1

THE BORDEN COMPANY

Chemical Division

FORMALDEHYDE • HEXAMETHYLENETETRAMINE • RESORCIN • CASEIN
UREA RESINS • PHENOLIC RESINS • POLYVINYL RESINS • EPOXY RESINS

FOUNDRY, FACING, continued

*Donald Sales & Mfg Co, 6601 W State St, Milwaukee 13, Wis
*Knefler-Bates Co, Box 474 Indianapolis, Ind
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill
Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

FOUNDRY FLOUR

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Composition Materials Co, 25 W 43 St, N Y 36
Shieldalloy Corp Div, 100 Park Ave, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

FOUNDRY PARTING COMPOUNDS

Products used at the joint or place where the parts of the foundry mold are to separate to prevent them from sticking to each other. Should be free from any substance that draws or retains moisture.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Buckingham Products Co, 14100 Fullerton Ave, Detroit 27, Mich
*Dow Corning Corp, Midland, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

FOUNDRY PARTING COMPOUNDS, SILICONE

*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17

FOUNDRY SAND

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Shieldalloy Corp Div, 100 Park Ave, N Y 17

FRANKFORT BLACK see Drop Black

FRANKINCENSE see Gum, Thus

FRAUDE'S REAGENT see Acid, Perchloric

FRENCH SAFFRON see Saffron, Spanish

FRUCTOSE see Levulose

FRUIT SUGAR see Levulose

FULLER'S EARTH

Uses—refining of petroleum products, edible oils, fats, greases, etc.; as general decolorizing, deodorizing and clarifying medium; in pigments for printing wall paper; detecting coloring matter in foods, cosmetics; substitute for talcum powd.; paint pigments; for domestic purposes; bleaching and cleansing cloth, scouring yarns and washing woolens; polishing medium; as filler for rubber, poultices. Grades—lump; powdered; English domestic; also various as to use.

● Pkg—125, 150 lb. bags.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Ashcraft-Wilkinson Co, 601 Trust Co of Ga Bldg, Atlanta, Ga
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
Caldwell Chem Co, 441 Lexington Ave, N Y 17
John A Chew, 60 E 42 St, N Y 17
Charles B Chrystal, 53 Park Pl, N Y 7
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Floridin Co, 220 Liberty St, Warren, Pa
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

FULLING COMPOUNDS

Products (usually a specialized soap and additional substances) used in the wool fulling process to swell or increase the body of the fibre and its pliability, so as to make it more workable.

*Antara Chem Div, 435 Hudson St, N Y 14
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Schoiler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

FUMIGANTS

Substances used to produce vapors which destroy insects, rodents, etc. More common are: hydrocyanic acid, calcium cyanide, sodium cyanide, chloropicrin, sulfur dioxide, ethylene oxide, trichlorethylene, carbon bisulfide, paradichlorbenzene, sulfur, nicotine, formaldehyde, carbon, tetrachloride, ethylene dichloride, methyl formate, ethyl formate, methyl bromide, naphthalene, etc. See also specific chemicals.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Huntington Labs, E Tipton St, Huntington, Ind
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wheeler, Reynolds & Stauffer, 636 California St, San Francisco 8, Cal

FUNGICIDES, COPPER

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alrose Chem Co, Box 1294, Providence 1, R I
American Firstoline Corp, 420 Lexington Ave, N Y 17
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chipman Chem Co, Bound Brook, N J
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*Ferro Chem Corp, Box 349, Bedford, Ohio
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Ninol Labs, 1719 S Cinton St, Chcago 16, Ill
*Nuodex Products Co, 830 Magnola Ave, Elizabeth F, N J
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Fred'k A Stresen-Reuter, 2213 Medill Ave, Chicago 47, Ill
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
R T Vanderbilt Co, 230 Park Ave, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

FUNGICIDES, GARDEN

Specialized preps, for the control of fungus growth on flowers and vegetables.

*American Agricultural Chem Co, 50 Church St, N Y 7
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chipman Chem Co, Bound Brook, N J
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J
*Dow Chem Co, Midland, Mich

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ATTAPULGUS Minerals & Chemicals Corporation

210 West Washington Square, Philadelphia 5, Pa.
Cable Address: "ATTACLAYCO"

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*William M Stieh & Co, 20 Vesey St, N Y 7
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

FUNGICIDES, LEATHER

*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Hilton-Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*London Chem Co, 325 W 32 St, Chicago 16, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sindar Corp, 330 W 42 St, N Y 36
*Solvay Process Div, 61 Broadway, N Y 6
*Wallerstein Co, 180 Madison Ave, N Y 16

FUNGICIDES, LUMBER

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
Merchants Chem Co, 60 E 42 St, N Y 17
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*William M Stieh & Co, 20 Vesey St, N Y 7
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

FUNGICIDES, SEED

Preps. used to treat seed to prevent various harmful fungus growths; to increase germination and growth of seedlings by permitting the stored plant food in the seed to be fully used by the plants.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
*F W Berk & Co, Park Pl E. Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chipman Chem Co, Bound Brook, N J
Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Merchants Chem Co, 60 E 42 St, N Y 17
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robbins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Solvay Process Div, 61 Broadway, N Y 6
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*William M Stieh & Co, 20 Vesey St, N Y 7
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

FUNGICIDES, TEXTILE

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17

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Time tested and approved fungicides bacteriocides and algaecides
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Superior sequestering agents
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A COMPLETE LINE OF PRESERVATIVE CONCENTRATES TO MEET GOVERNMENT SPECIFICATIONS OR PROVIDE IN-PROCESS PROTECTION, IN-USE PROTECTION, SALES PLUS FEATURES FOR
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FUNGICIDES, TEXTILE, continued

*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*Sindar Corp, 330 W 42 St, N Y 36
Stanalchem. Inc, 350 Madison Ave, N Y 17
*William M Stieh & Co, 20 Vesey St, N Y 7
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

FUNGICIDES, TREES

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chipman Chem Co, Bound Brook, N J
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton N J
*Dow Chem Co, Midland, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill

FUNGICIDES, TURF

Preps. used on golf greens and fine lawns to prevent and cure brown patch, etc.
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Phelps-Dodge & Refining Corp, 40 Wall St, N Y 5
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*William M Stieh & Co, 20 Vesey St, N Y 7
R T Vanderbilt Co, 230 Park Ave, N Y

FURAN (Furfuran, Fetrol)

C_4H_4O. M.W. 68.05. A colorless liq. B.P. 31°C. Miscible alcohol, ether; insol. water.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*H W Gould & Co, 1100 Mills Tower, San Francisco 4, Cal

FURFANCARBONAL see Furfural

FURFURAL (Furfuraldehyde, Furol, Artificial Oil of Ants, Furfurol, Furfuranecarboxylic Aldehyde, Pyromucic Aldehyde, Furfuryl Aldehyde, Furfancarbonal)

C_4H_3O-CHO. M.W. 96.03. Colorless liq., turning to dark amber upon exposure. Characteristic penetrating odor. Sp. gr. (tech.) 1.159-1.161 (at 20°C); (ref.) 1.160-1.161. B.P. 160-162°C. M.P. —38.5°C. Sol. alcohol, benzene. Solvent uses—purification of mineral oils, wood rosin, anthracene; synth. resins. textile industry, shoe dyes, paint and varnish remover, varnish gums, lacquer formulation. Biological—fungicides, bactericides, preservatives, tree wound dressing. fly repellents. Aldehyde—resins, tanning (leather, glue, and casein). mfr. of furan compounds, flotation agents. Cont.—drums (45, 90, 500 lbs.); bottles (½ lb.). Tariff, 25%.
● Pkg—9, 45, 90 lb. cans, 520 lb. drums.
Allied Industrial Products Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
George Uhe Co, 76 9 Ave, N Y 11

FURFURALDEHYDE see Furfural

FURFURANECARBOXYLIC ALDEHYDE see Furfural

FURFUROL see Furfural

FURFURYL ALDEHYDE see Furfural

FUROL see Furfural

FURYL CARBINOL see Alcohol, Furfuryl

FUSTIC

Natural yellow dyewoods which are usually used with metallic mordants as chromium or tin.
● Pkg—Drums.
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

G SALT (Sodium Beta-Naphthol-6:8 Disulfonic Acid)

$C_{10}H_5OH(SO_3Na)_2$. White needles. Sol. water; insol. alcohol, ether. Uses—mfr. azo dyes, intermediates. Grades—tech.; paste; powd.
● Pkg—250/300 lb. bbls, 55 gal. drums.
*Antara Chem Div, 435 Hudson St, N Y 14, N Y
*Calco Chem Div, Bound Brook, N J
Chematar, Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*National Aniline Div, 40 Rector St, N Y 6

GALL EXTRACT (Nutgall Extract)

Extracts made from nutgalls. Uses—mfr. black inks; mordant in dyeing and printing textiles; tanning leather. Grades—liq.
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

GALLA see Nutgalls

GALLIUM, METAL

Ga; at. wt. 69.72; at no 31; valence 3; discovered by Boisbaudron in 1895. Gray brittle, hard, lustrous, tough, sl. malleable metal; greenish-blue reflection; silver-white when melted and remains liq. for weeks. Sp. gr. 5.9; M.P. 29.7°C. Boils above 1600°C; sol. in dil. HCl or in NaOH with evolution of hydrogen; slowly attacked by hot dil. nitric acid. It is used instead of mercury in thermometers.
● Pkg—Custom packed.
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Belmont Smelting & Refining Works, 322 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
International Selling Corp, 122 E 42 St, N Y 17
William M Stieh & Co, 20 Vesey St, N Y 7
*Varlacoid Chem Co, 116 Broad St, N Y 4

GALLOFORMIN see Hexamethymine

GALLS see Nutgalls

GAMBIER see Cutch

GAMBIR (Gambier, Pale Catechu, Gum Gambir)

Dried leaves and twigs extract of Qurouparia or Uncaria gambir. Odorless, brown powd. Insol. water, sol. alcohol. Uses—Astringent; tanning material; boiler compounds: pharmaceuticals; calico printing.
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7

GARNET LAC see Shellac

GAS BLACK see Carbon Black

GAS, OLEFIANT see Ethylene

GASES, LABORATORY

Industrial, rare, and medicinal gases supplied in small-size containers; also gases, such as hydrogen sulfide used in analytical work and supplied in industrial containers, eliminating use of laboratory generator.
*Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

GASES, REFRIGERATING

Various gases employed in the circulating systems of refrigerating machines, air-conditioning systems, etc. See also Refrigerants, Air-Conditioning Fluids.
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Virginia Smelting Co, W Norfolk, Va

GASOLINE ANTI-KNOCK COMPOUNDS

Products added to gasoline to correct the tendency of a fuel to "knock" or detonate. The phenomenon known as knock, or detonation, is caused by an abnormally rapid pressure rise or explosion within the engine cylinder. This violent combustion delivers a hammer-like blow to the piston head and combustion chamber walls. Aside from the disagreeable sound produced when a fuel is knocking, a serious loss in engine power results. The anti-knock characteristics of a fuel can be improved by either adding another fuel of higher quality (alcohol, toluol, benzol, etc.), or by the addition of a knock suppresser.
*Cole Labs, 42-25 9 St, L I C 1, N Y
*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del

GELATIN

Edible gelatin is a purified protein obtained by hydrolysis from collagen-bearing tissue of food animals. Must comply with pure food laws of the U.S. and with laws established by certain of the states. Is a typical example of a reversible colloid of the emulsoid type. Chief characteristic is ability to form a jelly when dissolved in hot water and allowed to stand until cold. Has yellowish tint and is furnished in ground form, sheets or flakes. Is sol. in hot water; insol. in alcohol,

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

chloroform. Uses—foods, confectionery, ice cream, jellied meats and pharmaceuticals (USP). Cont.—bbls. (300 lbs.). Tariff, edible gelatine valued at less than 40c, 12½% ad valorem plus 2½c specific; 40c or over, 20% ad valorem, 7c specific.

Technical Grade A protein produced from bones, white connective tissue and skin of animals. Chief characteristic, ability to form jelly when dissolved in hot water and allowed to stand until cool. Sol. in water; insol. alcohol, chloroform. Uses—photographic, lithographic, sizing, plastic compounds and textile and paper work.

● Pkg—Bags, drums, bbls., cases.

*American Agricultural Chem Co, 50 Church St, N Y 7
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Burtonite Co, P O Box 7, Nutley 10, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Coignet Chem Co, 445 Park Ave, N Y 22
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
Consumers Products Co, 99 Hudson St, N Y 13
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Distillation Prodlcts Industries, 755 Ridge Rd W, Rochester, N Y
T M Duché & Sons, 117 Hudson St, N Y 13
*Emkay Chem Co, 319 2 St, Elizabeth, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
Riches-Nelson, 342 Madison Ave, N Y 17
*Swift & Co, Gelatin Dept, Union Stock Yards, Chicago 9, Ill
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
O J Weeks Co, 44 N Moore St, N Y 13

GELATIN CAPSULES

Phillip Bauer Co, 608 5 Ave, N Y 20
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

GELBIN see Barium Chromate

GENTIAN

A bitter root. Habitat; Central and Southern Europe. Uses—in medicine; in manufacture of liqueurs.

Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38

GERANIOL

$C_{10}H_{18}O$. M.W. 154.20. Colorless to yellowish liq. with rose odor. B.P. 231°C. Insol. water, miscible alcohol, ether. Uses—in perfumery.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

GERANYL ACETATE

$CH_3COOC_{10}H_{17}$. M.W. 196.22. Colorless liq. with rose odor that decomp. at 245°C. Sl. sol. water or alcohol, miscible with ether. Uses—in perfumery.

● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

GERANYL BUTYRATE

$C_8H_7COOC_{10}H_{17}$. M.W. 224.33. Colorless liq.; rose-like odor. Insol. water; miscible with alcohol, ether. Uses—perfumery.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

GERANYL FORMATE

$HCOOC_{10}H_{17}$. M.W. 182.25. Colorless liq.; dry, rose-like odor. Readily hydrolyzed. Insol. water; miscible with alcohol, ether. Uses—perfumery.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

GERANYL PROPIONATE

$C_8H_5COOC_{10}H_{17}$. M.W. 210.3. Colorless liq.; soft rose-like odor. Insol. water; miscible with alcohol, ether. Uses—perfumery.

● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

GERMANIUM, METAL

Ge. Grayish-white metal. Sp. gr. 5.46; M.P. approx. 900°C. Recovered from residues from zinc refining; found in two ores—argyrodite and germanite. Uses—medicinal purposes; as high-resistance element in radio.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

GERMANIUM OXIDE (Germanium Dioxide)

GeO_2. M.W. 104.5. A white powd. Sl. sol. water; sol. acids. Uses—in the treatment of pernicious anemia.

● Pkg—Custom packed.

*American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Industrial Sales Corp, 500 5 Ave, N Y 36
Philipp Bros Chem, 37 Wall St, N Y 5
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

GERMANTOWN BLACK see Lamp Black

GERMICIDES

*Airose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Huntington Labs, E Tipton St, Huntington, Ind
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Sindar Corp, 330 W 42 St, N Y 36
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17

Burtonite®
HYDROPHILIC COLLOIDS & RELATED PRODUCTS; EDIBLE and TECHNICAL
—Including ANIMAL GELATINS & GLUES—etc.
—EDIBLE COLLOIDS from Irish moss and other seaplants—Dry and liquid.
—SYNTHETIC COLLOIDS—and ALL TYPES OF GLUES—for binding, thickening, suspending, COATING, laminating and colloidal stabilization.
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Edible and Technical
GLUES All Types
T. M. DUCHÉ & SONS, INC.
ESTABLISHED 1857
117 Hudson St., New York 13, N. Y.
Branches: Chicago • Boston

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ZOPHAR

GILSONITE

ORE IS BOLD AND CLEAN

ALL SCREENED AT THE MINE

Melting Points
275, 300, and 330 F.

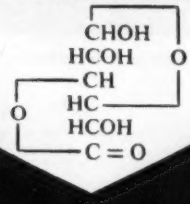
Carload shipments from Provo, Utah, L.C.L. shipments from Brooklyn Warehouse

107 YEARS

ZOPHAR MILLS, INC.
112-130 26th Street,
Brooklyn 32, N. Y.

ARGO

glucuronolactone



MOLECULAR WT. 176

5 POUND JARS

50 POUND DRUMS

Obtainable from Chemical Division

CORN PRODUCTS REFINING CO.

17 Battery Place • New York 4, N. Y.

GERMICIDES, AGRICULTURAL

Preps. used to destroy harmful microbes and bacteria that attack plants. Among the more important products employed are (1) formaldehyde, (2) merthiolate, and (3) various proprietary compounds.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*California Spray-Chem Corp. Lucas & Ortho Way, Richmond, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Dow Chem Co, Midland, Mich
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo

GIALLIOLINE see Lead Antimoniate

GIBBSITE see Aluminum Hydroxide

GILDER'S WHITING see Whiting

GILSONITE—see also Mineral Rubber

Black, brittle, lustrous mineral consisting of hydrocarbons. Sp. gr. 1.03-1.07. Sol. in carbon bisulfide, carbon tetrachloride, petroleum.
● Pkg—180, 220 lb. bags.

Allied Asphalt & Mineral Corp, 217 Broadway, N Y 17
American Quinine Co, 15 William St, N Y 5
*J M Baird & Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar Inc, 40 Exchange Pl, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont Ave, Boston 16, Mass
Emil Klemm Inc, 88 1 St, Salt Lake City, Utah
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Zophar Mills, 103 26 St, Bklyn 32, N Y

GIRARD'S REAGENTS, P & T

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

GLUCONATES

- CALCIUM GLUCONATE
- FERROUS GLUCONATE
- MAGNESIUM GLUCONATE
- MANGANESE GLUCONATE
- SODIUM GLUCONATE
- POTASSIUM GLUCONATE
- AMMONIUM GLUCONATE TECH.
- ACID GLUCONIC TECH.

CHAS. PFIZER & CO., INC.

630 Flushing Ave., Brooklyn 6, N. Y.
425 N. Michigan Ave., Chicago 11, Ill.
1500 Sixteenth St., San Francisco 3, Calif.
4820 Loma Vista Ave., Vernon 58, Calif.
1151 Chattahoochie Ave., N.W., Atlanta, Ga.

Pioneers & Leading Manufacturers of Vitamins

Pfizer

Manufacturing Chemists for Over 100 Years

GLAND PRODUCTS

Clifford Chem Div, 170 Broadway, N Y 38
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

GLASS-MAKERS' SOAP see Manganese Dioxide

GLAUBER'S SALT see Sodium Sulfate, Crystals

GLASS, POWDERED see Ground Glass

GLAZING COMPOUNDS

Preps. used to set glass in either wood or steel sash; should remain soft and pliable indefinitely; should not crumble or dust; must possess good resistance to temp. changes. For suppliers see Putty, Acid-Resistant.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Landen Putty Works, 45 Irving St, Malden 48, Mass

GLOBALINE

*Arapahoe Chem, 2800 Pearl St, Boulder, Col
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

GLUCINUM FLUORIDE see Beryllium Fluoride

GLUCINUM NITRATE see Beryllium Nitrate

GLUCINUM OXIDE see Beryllium Oxide

GLUCOSE see Corn Sugar

d-GLUCOSE see Dextrose (Anhydrous)

GLUCURONALACTONE

● Pkg—10 G., 4, 8 oz. containers.

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

GLUCONATES

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

GLUE, BONE

Animal glue made wholly from bones.
● Pkg—100, 200 lb. bags, bbls.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Barclay Chem Co, 75 Varick St, N Y 13
*Burtonite Co, P O Box 7, Nutley 10, N J
*Coignet Chem Co, 445 Park Ave, N Y 22
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
T M Duche & Sons, 117 Hudson St, N Y 13
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

GLUE, CAN

Specialized glues used to attach spot labels to tin cans and other metal containers; should possess unusual adhesive strength, should not wrinkle or discolor paper labels, should act properly in cold weather, resist sweating of metal containers when removed from a refrigerator to a warm, humid room, should not be affected by process in which the cans are sterilized after the labels are applied; should be waterproof.

*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rogers Isinglass & Glue Co, 210 Eastern Ave, Gloucester, Mass
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

GLUE, CASEIN

Specially formulated products produced usually from casein with sodium bicarbonate or borax, or alum, etc., water and a mold preventive, and used in the place of glue as a general adhesive.

*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Green St, N Y 13
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

GLUE, FISH

Products prepared by boiling fish waste with water, separating off the oil and concentrating the glue liquor until, on cooling, a brownish, heavy, syrupy mass is formed. Uses—as an adhesive in a variety of fields, particularly the preps. of upper dressings for shoes, in bottom finishes, and in the mfr. of inks.
●Pkg—Bbls.

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Paispearl Products, 65 Nassau St, N Y 38
*Rogers Isinglass & Glue Co, 210 Eastern Ave, Gloucester, Mass

GLUE, HATTERS'

Dark colored, soft varieties of glue used in hat making. For suppliers see Glues, Sizing.

*Coignet Chem Co, 445 Park Ave, N Y 22
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
T M Duché & Sons, 117 Hudson St, N Y 13
C B Hewitt & Bros, 23-25 Greene St, N Y 13
*Shields Buying Service, 15 Moore St, N Y 4

GLUE, HIDE

Glue produced from pieces of skin trimmed off the hide as unsuitable in size, shape, or texture for conversion into leather.
●Pkg—100, 200 lb. bag, bbls.

*Alba Mfg Co, N Lake St Rd, Aurora, Ill
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Burtonite Co, P O Box 7, Nutley 10, N J
*Coignet Chem Co, 445 Park Ave, N Y 22
Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
T M Duché & Sons, 117 Hudson St, N Y 13
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Madison Glue Corp, 200 W 34 St, N Y 1
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

GLUE, MARINE

Waterproof adhesive usually containing dissolved rubber, asphalt and shellac, for which U.S. Navy Specifications call for two types. 52 G 10d for aeronautic waterproof marine glue; 52 G 6c for ship marine glue.

*American Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

GLUE, PADDING, FLEXIBLE

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Nicholson & Co, 161 1 St, Cambridge 42, Mass
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

GLUE, PHOTO ENGRAVING

*Coignet Chem Co, 445 Park Ave, N Y 22
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
Philip A Hunt Co, Palisades Park, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rogers Isinglass & Glue Co, 210 Eastern Ave, Gloucester, Mass

GLUE, RESIN

Adhesives composed of synth. resins (urea & phenol formaldehyde, etc.) which are supplied as dry powd., aqueous dispersions, alcohol/water solutions, for the bonding of wood veneers, by hot pressing or at room temp.

*Acme Resin Corp, 1401 S Circle Ave, Forest Park, Ill
A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Bakelite Co, 30 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Burtonite Co, P O Box 7, Nutley 10, N J
*Catalin Corp of America, 1 Park Ave, N Y 16
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass

GLUES
LIQUID OR DRY
STARCH • RESIN
CASEIN • ANIMAL
DEXTRINE

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*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

GLUE, SIZING

Burtonite Co, P O Box 7, Nutley 10, N J
*Colgnet Chem Co, 445 Park Ave, N Y 22
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
T M Duché & Sons, 117 Hudson St, N Y 13
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C B Hewitt & Bros, 23-25 Greene St, N Y 13
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

GLUE, TANNERS'

Adhesives formulated specially as sizing agents.

*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Madison Glue Corp, 200 W 34 St, N Y 1
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

GLUE, VEGETABLE

Adhesives usually formulated by treating starch with alkali and used for a wide variety of domestic and industrial purposes.

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Franklin Glue Co, 119 W Chestnut St, Columbus 15, Ohio
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y 16
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

GLUTAMINE

$C_5H_{10}O_3N_2$. M.W. 146.13. The optically inactive amino acid $C_3H_5.NH_2CONH_2.COOH$. Sl. sol. water: insol. ether, alcohol.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Pierce Chem Co, P O Box 117, Rockford, Ill
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

GLUTATHIONE

$C_{10}H_{17}O_6N_3S$. M.W. 307.22. White cryst. M.P. 190-192°C. with decomposition.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Schwarz Labs, 230 Washington St, Mt Vernon, N J
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

GLYCERIN MONOACETATE see Acetin

GLYCERINE (Glycerol, Alcohol Glycyl, Alcohol Propenyl, Prophenyl Hydrate, Propanetriol, Glycerium)

$(CH_2OH)_2CHOH$. Colorless to pale yellow, syrupy, odorless liq. Sp. gr. 1.2604. M.P. 17°C. B.P. 290°C. Miscible water, alcohol. Uses—mfr. nitroglycerine and low freezing dynamite compositions, printing rollers, cosmetics, perfume, food and pharmaceutical preps. rubber stamps, rubber stamp and copying inks, fancy toilet and liq. soaps, confectionery, fermented drinks, shoe blackings, hats, waterproofed paper, parchment, marbled and coated papers; glycerophosphates, photographic emulsions, rubber substitutes; plastics; as general solvent; solvent in dyeing and printing textiles; size in making felt and treating fabrics; preservative and sweetening foods; anti-freeze agent, in automobile radiators; special lubricant; softening agent in artist's colors; sugar substitutes; in flavoring and preserving tobacco; preserving cork stoppers from molding; increasing viscosity of liq.; finishing leather; extracting perfumes from flowers; clay modeling; in medicine. Grades—C. P.; (U.S.P.).; dynamite; saponification; soap lye; crude yellow; white 28° and 30°Be.
● Pkg—10, 50 lb. cans, 550, 1100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Alba Mfg Co, N Lake St Rd, Aurora, Ill
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Glycerine Corp of America, 36 W 44 St, N Y 36
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kolon Trading Co, 15 Park Row, N Y 38
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Morningstar, Nicol, 630 W 51 St, N Y 19
Mutchler Chem Co, 258-259 Broadway, N Y
Charles Page & Co, 50 E 42 St, N Y 17
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Shell Chem Corp, 50 W 50 St, N Y 20
*Thomas J Shields Co, 11 Water St, N Y
*Tobey Chem Co, 1472 Broadway, N Y 36
*Swift & Co, Union Stock Yards, Chicago 9, Ill
George Uhe Co, 76 9 Ave, N Y 11
*White Cross Labs, 79 Wall St, N Y

GLYCERIUM see Glycerine

GLYCEROL see Glycerine

GLYCEROL CHLOROHYDRIN

●Pkg—55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

GLYCEROL 1,3-DICHLOROHYDRIN

$CH_2Cl.CHOH.CH_2Cl$. Mol. Wt. 128.99. B.P. 175°C. Sp. gr. 20/4°C 1.365 Refraction Index 20°C 1.484. Flash-Point ASTM o.c. °F 200. Sol. in water Wt. % at 20.°C. 15.5. Highly reactive due to presence of an adjacent hydroxyl group and chlorine atom. Suggested uses—synthesis of plasticizers, solvents, resins, and pharmaceutical and industrial chemicals.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Shell Chem Corp, 50 W 50 St, N Y 20

GLYCEROL MANNITAN LAURATE

Mixed polyalcohol fatty acid ester. Red-brown oily liq. Dispersible or insol. water and most solvents. Uses—wetting agent in yeast and other foods; spreading agent for use with rotenone or other toxicants in insecticides.

●Pkg—1, 5 gal., 480 lb. drums.

*Atlas Powder Co, Wilmington 99, Del

GLYCEROL a-MONOCHLOROHYDRIN

$CH_2OH.CHOH.CH_2Cl$. Mol. Wt. 110.54. B.P. 213°C. Sp. gr. 20/4°C 1.320. Refraction Index 20°C 1.481. Flash-Point ASTM o.c. °F 280. Sol in water. Highly reactive due to presence of an adjacent hydroxyl group and chlorine atom. Suggested uses—synthesis of plasticizers, solvents, resins and pharmaceutical and industrial chemicals.

●Pkg—1, 6½, 13 gal. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

GLYCEROL SORBITAN LAURATE

Mixed polyalcohol fatty acid esters. Amber oily liq. Dispersible or insol. water and most solvents. Uses—wetting agent in various food products.

*Atlas Powder Co, Wilmington 99, Del

GLYCERO TRISTEARATE see Stearine

a-GLYCERYL-o-CRESYL ETHER

$C_9H_{12}O_3$. White powd. or needles. Sol. water, alcohols, ether. Uses—medicine, muscle relaxant.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Sumner Chem Co, 6 E 45 St, N Y 17

GLYCERYL ESTERS

W W Angus, 220 Broadway, N Y 38
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Distillation Products Industries, 795 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Swift & Co, Technical Products Dept, 165 & Indianapolis Blvd, Hammond, Ind
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

GLYCERYL MONOCOCATE

*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

GLYCERYL MONO LAURATE

Semi-solid, cream-colored paste. Sp. gr. 0.98. Free fatty acid, less than 2.5%. Dispersible in water. 5% dispersion in water has a pH of 8.5-8.7. Sol. in alcohol and most organic solvents and oils.

●Pkg—1, 5 gal. cans, 1, 8, 40 lb. tins, 50 lb. pails, 220, 400 lb. drums.

*Atlas Powder Co, Wilmington 99, Del
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCERYL MONO OLEATE

Yellow oil. Sp. gr. 0.94. Free fatty acid, less than 2%. Dispersible in water 5% dispersion in water has a pH of 8.3-8.5 Titre, 0°C. Sol. in alcohol and most organic solvents and oils.

●Pkg—1, 5 gal. cans, 1, 8, 40 lb. tins, 55 gal. drums.

W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill

GLYCERYL MONORICINOLEATE

$C_{17}H_{32}COOC_3H_5(OH)_2$. Sp. gr. 1.019 (25°/25°C). Uses—mfr. cosmetics, sol. oils for textile, paper and leather industries; mfr. automobiles, furniture and metal polishes; lacquer plasticizer.

●Pkg—1, 5 gal. cans, 1, 8, 40 lb. tins, 220, 425 lb. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCERYL MONOSTEARATE

$C_{17}H_{35}COOCH_2CHOHCH_2OH$. Sp. gr. 0.908 (20°/20° C). Uses—mfr. cosmetics, as thickening and dispersing agent for textiles, paper, leather; emulsifying agent for polishes.

●Pkg—1, 10, 50, 150, 500 lb. drums, bbls.

W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del

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MONOSTEARATE

Aldo 33 and Aldo 28 Brands

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GLYCERYL MONOSTEARATE, continued

*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

GLYCERYL RICINOLEATE

Light amber, self-emulsifying oil, forming milky emulsions with cold water. Miscible with alcohols, hydrocarbons, solvents, and oils.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCERYLSTEARIC ESTER see Stearine

GLYCERYL TRI [2-Hydroxystearate] see Oil, Castor, Hydrogenated

GLYCERYL TRIACETATE see Triacetin

GLYCERYL TRIOLEATE

$(C_{17}H_{33}COO)_3C_3H_5$. M.W. 885.4. Yellow oil. Sol. oils and most organic solvents. Uses—textile lubricants; in mfr. of textile and leather specialties.
● Pkg—55 gal. drums.

*Carlisle Chem Works, West St, Reading 15, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Swift & Co, Technical Products Dept, 165 & Indianapolis Blvd, Hammond, Ind

GLYCERYL TRISTEARATE

Synth. wax. Uses—as solid lubricant; in cosmetics, polishes, paper and textile coatings.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCINE see Acid, Aminoacetic

GLYCOCOLL see Acid, Aminoacetic

GLYCOL DIACETATE

$C_6H_{10}O_4$. M.W. 146.14. Water-white liq. B.P. 186°C. Uses—solvent for cellulose esters and ethers, for printing inks and lacquers, and for resins; plasticizer; perfume fixative; prevents blushing in airplane dopes; imparts flexibility to cellulose ether films.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCOL DIFORMATE (Ethylene Glycol Diformate, Ethylene Formate)

$HCOOCH_2CH_2OOCH$. M.W. 118.09. As supplied commercially is a mild-odored, water-white liq. sol. in water, alcohol, and ether. This ester boils at 177°C. under 760 mm. pressure and has a specific gravity of 1.2240 at 20/20°C. Like glycol diacetate, it is solvent for cellulose acetate, nitrocellulose, and cellulose ethers. In the presence of water, glycol diformate will hydrolyze slowly with the liberation of formic acid. Hence, it can be employed in reactions where it is desired to develop a gradual source of this acid. It shows promise as an ingredient of embalming fluids.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCOL OLEATE (Diglycol Oleate)

$C_{17}H_{33}(COOC_2H_4)_2O$. Brown colored, oily liq. Sol. alcohol, esters, oils, hydrocarbon solvents. Dispersible in water. Uses—emulsifying agent for polishes, dry cleaning soap; emulsifying agent for insecticidal and agricultural sprays.
● Pkg—1, 5 gal. cans, 450 lb. drums.

W W Angus, 220 Broadway, N Y 38
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCOL PHTHALATE

$C_{12}H_{12}O_5$. Brown liq. Sol. abs. alcohol, sl. sol. hydrocarbons; insol. water. Uses—lacquer plasticizers; fixative and bodying agent for essential oils.

*Burtonite Co, P O Box 7, Nutley 10, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCOL RICINOLEATE

Light amber, self-emulsifying oil which forms milky emulsions with cold water. Readily miscible with alcohols, hydrocarbons, solvents and oils.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Prentiss Drug & Chem Co, 110 William St, N Y 38
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal

GLYCOLS, ETHYLENE & PROPYLENE, MIXED

Average M.W. 66. Mixture containing approx. two parts by W.T. of ethylene glycol to one part of propylene glycol. B.R. 179°-210°C. Sp. gr. 1.08. Uses—antifreeze in cooling systems and air-conditioning units; softening agent for textiles, cork, casein, glue, and gelatin; plasticizer, solvent for dyes and resins; coupling agent for sol. oils, resin manufacture, hygroscopic agent.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
*Dow Chem Co, Midland, Mich
Legion Chem, 70 Wall St, N Y 5
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

GLYCOLS, POLYETHYLENE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

GLYOXAL

$(CHO)_2$. M.W. 58. Greenish-yellow, water-sol. liq. Uses—papermaking, dyestuffs; modifying agent.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Bergstrom Trading Co, 233 Broadway, N Y 7
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

GOAT'S HORN see Gum, Tragacanth

GOLD CHLORIDE (Auric Chloride)

a. $AuCl_3HCl.4H_2O$. b. $AuCl_3.2H_2O$ (gold trichloride). Cryst. Sp. gr. 3.9. M.P. sublimes. B.P. 150°C. Sol. water, alcohol, ether. Uses—mfr. ruby glass, ink, Cassius purple; painting on glass and porcelain; in gold plating; toning photographic prints; gilding mirrors; in medicine. Grades—tech.
● Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
J T Baker Chem Co, Phillipsburg, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa

GOLD CYANIDE (Auric Cyanide)

$Au(CN)_3$. Yellowish-red crystalline. Sublimes on heating. B.P. 150°C. Sol. hot water, alcohol, ether. Uses—decorating porcelains; gold and alloy gold plating; medicine. Grades—tech.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Phillips & Jacobs, 622 Race St, Phila 6, Pa

GOLD ORANGE see Methyl Orange

GOLD POTASSIUM CHLORIDE (Potassium Aurichloride, Potassium Chloraurate)

$AuCl_3.KCl.2H_2O$. Yellow cryst. Sol. water, alcohol, ether. Uses—painting on porcelain and glass; coloring glass; toning photographic prints; in medicine. Grades—tech.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

GOLD POWDER

Au. Yellow metal. Sp. gr. 19.2. M.P. 1062°C. B.P. 2530°C. Sol. aqua regia; insol. acids. Uses—mfr. anodes, alloys, gold salts; in gilding; solders; decorating; gold fulminate; as chemical analyst. Grades—tech.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

GOLD SODIUM CHLORIDE (Gold Salts, Sodium Aurodichloride)

Mixture $AuCl_3$ and NaCl. Orange-yellow, deliq. crystalline powd. Sol. water, alcohol. Uses—decorating porcelains, potteries; staining glass; toning photographic prints; in medicine. Grades—tech.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Merck & Co, Rahway, N J

GOMMELINE see Dextrin

GOULARD'S POWDER see Lead Acetate

GRAPE SUGAR see CORN SUGAR

GRAPHITE (Plumbago, Black Lead, Mineral Carbon, Manufactured Graphite)

Crystallized carbon with traces of SiO_2, Fe, etc. Steel-gray to lack. Solid. Natural. Sp. gr. 2.55 (18°C). Sublimes at 3600°C. Insol. all common solvents. Uses—mfr. lead pencils, crucibles, gunpowder, lubricating compositions, anodes for electric batteries, parts of electrical machinery, motor brushes, arc light carbons, electrodes for electrochemical and electrometallurgical apparatus, boiler compounds, polishes for stoves, shoes, etc., anti-

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

corrosive varnishes, metallurgical retorts, foundry linings and molds, fertilizer compositions; in repairing boilers and stoves; art bronze coloring; electroplating porous articles; as paint pigment. Grades—crude; powdered; flake; domestic; East Indian; Madagascar; Ceylon.
● Pkg—25, 50, 100 lb. bags, 1, 5, 25, 100, 400 lb. drums.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*National Carbon Co Div, 30 E 42 St, N Y 17
*Nopel Corp, 2 Broadway, N Y 4
*Thomas J Shields Co, 11 Water St, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

GRAPHITE, COLLOIDAL

Graphite in the colloidal state. Usually marketed in the following mediums—oil, water, caster oil, and glycerine. Uses—luvricant for high temp. work.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
Hummel Chem Co, 90 West St, N Y 6
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

GRAY ACETATE see Calcium Acetate

GREASE, ANIMAL

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
H J Baker & Bro, 600 5 Ave, N Y 20
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Faesy & Besthoff, 325 Spring St, N Y 13
*Hummel Chem Co, 90 West St, N Y 6
*Madison Glue Corp, 200 W 34 St, N Y 1
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Swift & Co, Tallow Dept, Union Stock Yards, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

GREASE, ANTI-RUST

Protective coatings to metals to prevent oxidation of the surface.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Hummel Chem Co, 90 West St, N Y 6
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Tobey Chem Co, 1472 Broadway, N Y 36
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

GREASE BASES

Compounded products added to greases to improve their characteristics, to give consistency and body to oils, and in particular instances to impart to the greases special properties for certain applications as for example, in differentials and transmissions of automobiles, etc.

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Hummel Chem Co, 90 West St, N Y 6
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

GREASES, CABLE

Special greases, usually containing graphite as one of the constituents, used for the lubrication of wire ropes, chains, exposed gears, cranes, derricks, dredges, steam shovels, pile drivers, pump plungers, hoisting engines, quarry machinery, mining machinery, elevator plunges, elevator guides, fire hydrant valves, etc., where max. degree of protection against the action of water is equally important as the question of lubrication.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Kendall Refining Co, Bradford, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

GREASES, CUP

Usually lime or soda soap greases, made in a wide range of consistency, according to the relative percentages of mineral oil and soap in them and the viscosity of the mineral oil employed. Should be free from fillers, but may contain graphite. Usually produced by mixing mineral oil with a calcium soap to give a desired "body" or "consistency." Most cup greases contain from 1 to 3% water.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Kendall Refining Co, Bradford, Pa
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
W A Wood Co, 40 Oliver St, Boston 10, Mass

GREASES, LUBRICATING

Products of various formulation used for the lubrication of heavy machinery parts, etc.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Dow Corning Corp, Midland, Mich
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Kendall Refining Co, Bradford, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Varnitco, 416 N Varney St, Burbank, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

GREASES, SILICONE

*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

GREASES, SLUSHING

Used to coat new steel or iron castings, etc., preparatory to shipping or storing to prevent rust and corrosion.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Hummel Chem Co, 90 West St, N Y 6
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill

GREASES, TANNERS'

Materials compounded of rancid fish oil, resinous substances, lime and sulfate, and the residues of skins, membranes, and hair obtained from the chamoising process and used in finishing other skins.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Hummel Chem Co, 90 West St, N Y 6
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass

GREASES, TEXTILE

Special lubricating greases for textile machinery. Generally made from refined oils so as to be non-staining when unavoidably placed on fabrics.

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Hummel Chem Co, 90 West St, N Y 6
*Joy Chem, 133 Webster St, Pawtucket, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Sinclair Refining Co, 600 5 Ave, N Y 20

GREASES, WATERPROOFING

Heavy, plastic grease usually employed to seal and lubricate automobile waterpump bearings and packing glands. Also greases of various formulation, but usually of a calcium base with graphite incorporated or some modification that does not melt or dissolve in hot water. Soda base greases wet-out readily, but are very sol. and work into soapy emulsions when used in the presence of moisture.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Dow Corning Corp, Midland, Mich
*Hummel Chem Co, 90 West St, N Y 6
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

GREASES, WIRE-DRAWING

Specialized products for lubrication in steel wire plants.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*W A Wood Co, 40 Oliver St, Boston 10, Mass

GREASES, WOOL

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Bopf-Whittam Corp, 1135-53 Elizabeth Ave W, Linden, N J
Elbert & Co, 2 Broadway, N Y 4
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
*Fanning Chem Corp, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
*Hummel Chem Co, 90 West St, N Y 6
N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
Robinson, Wagner Co, 110 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

GREEN CINNABAR see Chromium Oxide

GREEN COPPERAS see Ferrous Sulfate

GREEN MERCURY PROTOIODIDE see Mercurous Iodide

GREEN NICKEL OXIDE see Nickel Oxide

GREEN VERDIGRIS see Copper Acetate

GREEN VITRIOL see Ferrous Sulfate

GREENLAND SPAR see Cryolite Natural

GREENOCKITE see Cadmium Sulfide

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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Producers of Special Organic Compounds

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All Grades — Crude, Cracked or Powdered; Also Solutions

SUPERCLEAR*
A Superior Printing Thickener

SUPER GUM H
A Cold-Water Soluble Gum

VAT GUMS

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IRISH MOSS
(Powder And Extract)

Ask for "THE STORY OF WATER SOLUBLE GUMS"

*Reg. U.S. Pat. Off.

JACQUES WOLF & CO.
Chemicals PASSAIC, N.J.

Passaic, N.J. • Carlstadt, N.J. • Los Angeles, Calif.

GRIGNARD REAGENTS

*Arapahoe Special Products, 1970 28 St, Boulder, Col

GRINDING COMPOUNDS

Proprietary preps. used as lubricants in machining operations.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Johns-Manville, 22 E 40 St, N Y 16
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Oakite Products, 19 Rector St, N Y 6
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill

GROUND GLASS (Powdered Glass)

Sp. gr. 2.4-2.8. Uses—as abrasive:

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

GROUND-NUT OIL see Oil, Peanut

GROUTING COMPOUNDS

Preps. of various formulations used for filling cracks and crevices, holes, etc., in masonry, concrete, stucco, etc.

*Armstrong Cork Co, Lancaster, Pa
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Sauereisen Cement & Co, 1045 N Canal St, Pittsburgh, Pa
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10

GUAIAC RESIN see Gum, Guaiac

GUAIACOL CARBONATE (Duotal)

$(CH_3O.C_6H_4O)_2CO$. M.W. 274.26. Small colorless cryst. or white crystalline powd. M.P. 85-86°C. Insol. water. Sol. chloroform, ether, less sol. in alcohol.
● Pkg—25, 50 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

GUAIACOL, LIQUID (Methylprocatechin, Methylhydroxybenzine)

$C_6H_4OCH_3OH$. Faint yellow oily liq., with aromatic odor. Sp. gr. 1.1393. B.P. 205°C; M.P. 27.9°C. Darkens on exposing to light. Sol. partially water, sol. alcohol, ether. Grades—tech. U.S.P.
● Pkg—46 lb. carboys, 55 gal. drums.

*Cliffs Dow Chem Co, Wright St, Marquette, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Sterone Corp, 250 W 57 St, N Y 19

GUAIACUM see Gum, Guaiac

GUAIACYL see Calcium Guaiacol Sulfonate

GUANIDINE CARBONATE

$(H_2NCNHNH_2)_2.H_2CO_3$. M.W. 180.3. White granules. 100% through 40 mesh. Decomp. at 197-199°C. without melting. Sol. water and moderately sol. in organic alcohols. Uses—to replace metallic soaps, where the latter tend to separate in solution or to cause cloudiness; as a base, having about the same alkalinity as that of sodium carbonate; mfr. cosmetics, dry cleaning soaps; intermediate in mfr. other guanidine compounds and in prep. of special coatings and resins.
● Pkg—90 lb. bags, 275 lb. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Rosenthal Bercow Co, 25 E 26 St, N Y

GUANIDINE HYDROCHLORIDE

CH_5N_3HCl. M.W. 95.53. White crystalline powd.
● Pkg—200 lb. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J

GUANIDINE NITRATE

$(H_2NCNHNH_2).NO_3$. M.W. 121.05. White granules, 100% through 40 mesh, M.P. 206-212°C. Moderately sol. in water and organic alcohols. Uses—mfr. explosives and bactericides.
● Pkg—95 lb. bags, 200 lb. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6

GUANINE (2-Amino 6-Oxypurine)

$C_5H_5N_5O$. M.W. 151.13. White. Insol. organic solvents, water. Sol. alkalies but not ammonia; sol. mineral acids. Uses—in pharmacology, nutrition, plant physiology; as an inhibitor of liver poisoning.
● Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Bios Labs, 17 W 60 St, N Y 23
*Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y
*Dow Chem Co, Midland, Mich
*Lack Chem Co, 19 Park Pl, N Y 7
*Mearl Corp, 153 Waverly Pl, N Y 14
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

GUANO

Dried excrement of sea fowl. Natural. Peru and Chile. Uses—as fertilizer. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Charles Page & Co, 50 E 42 St, N Y 17

GUANYLUREA PHOSPHATE

● Pkg—125 lb. drums.

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
*Bios Labs, 17 W 60 St, N Y 23

GUHR see Diatomaceous Earth

GUM, ACCROIDES (Yacca Gum, Black Soy Gum, Xanthorrhea Resin, Red Gum, Yellow Gum, Gumtree)

Resin obtained from species of Xanthorrhea trees. Habitat—Australia. Sol. hot alcohol. Uses—mfr. varnishes, lacquers, sealing wax, finishing compositions, spirit lacquers for coating metals, perfumery, wood stains; substitute for rosin; sizing paper; enriching gas. Grades—tech.

City Chem Corp, 132 W 22 St, N Y 11
Colony Import & Export Corp, 11 E 44 St, N Y 17
O G Innes Corp, 82 Wall St, N Y 5
George H Lincks, 312 Bridge St, Bklyn 1, N Y
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM ALGINATES

Salts of algin. White to dark brown solids having marked hydrophilic colloidal properties. Sol. water; insol. organic solvents. For further information see Algin.

*Burtonite Co, P O Box 7, Nutley 10, N J
*Kelco Co, 31 Nassau St, N Y 5
Kem Products Co, 227-229 High St, Newark 2, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*S B Penick & Co, 50 Church St, N Y 7

GUM, ANIMI see Gum, Zanzibar

GUM, ARABIC (Acacia Gum, Senegal Gum)

Yellow or white fine powd. Sp. gr. 1.355. Sol. water. Uses—mfr. shoe and metal polishes, water colors, paints, varnishes, linoleum, oil-cloth, matches, pyrotechnics, mucilage, glues, cements, adhesive pastes, confectionery, sweetmeats, baked products, potteries, porcelain, paper size, giving lustre to crepe silks; body and drier in writing and lithographic inks; in stiffening textile fibers; printing textiles; in process engraving; in medicine. Grades—U.S.P.; tech.; numerous U.S.P. grades of whole, ground, and powdered.
● Pkg—25, 50, 100 lb. bags, bbls., drums.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Arabol Mfg Co, 110 E 42 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Colony Import & Export Corp, 11 E 44 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
*Dodwell & Co, 120 Wall St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
Florasynth Labs, 1513 Olmstead Ave, Bronx 61, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Hummel Chem Co, 90 West St, N Y 6
Philip A Hunt Co, Palisades Park, N J
Internatio-Rotterdam, 61 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mason Color & Chem Works, 206-214 Broadway, E Liverpool, Ohio
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Morningstar, Nicol, 630 W 51 St, N Y 19
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tragacanth Importing Corp, 160 Water St, N Y 38
George Uhe Co, 76 9 Ave, N Y 11
Welch, Holme & Clark, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

GUM, ASPHALTUM

Brown-black amorp. Natural. Uses—mfr. varnishes, paints, lacquers, enamels, roof cements, electrical insulations, electrical insulators, cements, duo-tone and transfer inks, asphaltic and roofing papers; as mineral rubber and rubber filler; general waterproofing agent; in coating water and gas pipes; lining water tanks and plastics with asbestos; process engraving and lithography; cement mixtures; making tanks water-tight. Grades—various as to source, etc. (Egyptian, Stearine Pitch, Varnish Maker's Black, Compo Black, etc.).

Hummel Chem Co, 90 West St, N Y 6
William H Scheel, 38 Franklin St, Bklyn 22, N Y

GUM, BATU

A natural product, bastard damar gum, from Singapore. Uses—mfr. varnish, paint, linoleum. Grades—scrapped; unscrapped; nubs and chips.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
W R Grace & Co, 7 Hanover Sq, N Y 5
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM BENJAMINE see Gum, Benzoin

GUM, BENZOIN (Gum, Benjamine, Styrax Benzoin, Benzoin Resin)

Balsamic resin from Styrax benzoin. Habitat—Java, Sumatra, Siam. Sp. gr. 1.24. Acid No. Siam 120-170. Sumatra 95-190. Saponification No. Siam 170-240. Sumatra 155-270. M.P. 77-100°C. Sol. alcohol, carbon dissulfide. Uses—mfr. skin soaps, cosmetics, perfume and toilet preps., incense, cinnamic acid, polishes, coating preps., varnishes; in fumigating pastilles; in medicine. Grades—U.S.P.; tech.; Sumatra; Siam.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dalton-Cooper, 200 W 34 St, N Y 1
Doe & Ingalls, 56 Garden St, Everett 49, Mass
P R Dreyer, 113 W 19 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Tragacanth Importing Corp, 160 Water St, N Y 38
O J Weeks Co, 44 N Moore St, N Y 13

GUM, BLACK SOY see Gum, Accroides

GUM, BRITISH see Dextrin

GUM CAMPHOR see Camphor, Natural

GUM CATECHU see Cutch

NATURAL RESINS
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CONGO COPAL
GUM ARABIC
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GUMS
(CRUDE, POWDERED)



- GUM ARABIC
- GUM ARABIC BLEACHED
- GUM GHATTI
- GUM LOCUST (Carob Flour)
- GUM TRAGACANTH
- GUM EGYPTIAN (Talha)
- GUM KARAYA (Indian)

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ALL GRADES
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ELEMI
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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

PENICK *Evenized*
GUMS

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LOCUST TALHA GHATTY

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GUM, CHICLE
Dalton-Cooper, 200 W 34 St, N Y 1

GUM, COLORING see Gum, Gamboge

GUM, CONGO (Congo Copal, Copal Resin, Cowrie Kaurie.)
Yellow to yellowish brown, odorless, amorp. Sp. gr. 1.059-1.080. Acid No. 132. Saponification No. 66-175. Sol. benzene, oil of turpentine, chloroform, ether. Uses—mfr. varnishes, lacquers, cements; in coating textiles under fabric of oil-cloth and linoleum; as amber substitute. Grades—various as to color, size of pieces, etc.
● Pkg—300, 400 lb. drums.

Colony Import & Export Corp, 11 E 44 St, N Y 17
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
William H Schiel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, CONGO, FUSED
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*O G Innes Corp, 82 Wall St, N Y 5
*National Starch Products, 270 Madison Ave, N Y
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, COPAL (Resin Copal, Anime, Kaurie)
Derived from fossil found in Zanzibar, or exudation various species Trachylobium. Two varieties, hard and soft copals. Habitat—Zanzibar, Australia, Philippines, South America, West Indies. Yellowish to brownish lumps. Hard copals are almost insol. Both grades after fusing are sol. oil of turpentine, linseed oil. Uses—mfr. linoleum, oil-cloth; as substitute for amber; in cements and varnishes. Grades—tech.
● Pkg—300, 400 lb. drums.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Colony Import & Export Corp, 11 E 44 St, N Y 17
Dalton-Cooper, 200 W 34 St, N Y 1
Doe & Ingalls, 56 Garden St, Everett 49, Mass
O G Innes Corp, 82 Wall St, N Y 5
*International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
Tragacanth Importing Corp, 160 Water St, N Y 38
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, DAMAR (Resin Damar, Dammar)
Yellowish-white, amorp. masses. Sp. gr. 1.04-1.12. M.P. 120°C. Sol. alcohol, ether, chloroform, carbon disulfide, oil of turpentine. Uses—mfr. varnishes, lacquers, dry colors, printing inks, transparent varnishes and paints, linoleum, oil-cloth, match head, pyrotechnic and rubber compositions. Grades—tech. (as to color and quality); Batavia; Singapore; East Indian.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Alfred D Brown Associates, 59 Pearl St, N Y 4
City Chem Corp, 132 W 22 St, N Y 11
W R Grace & Co, 7 Hanover Sq, N Y 5
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
Meer Corp, 318 W 46 St, N Y 36
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM DRAGON see Gum, Tragacanth

GUM, EAST INDIA
From Acacia Abyssinica. Habitat—Abyssinia, Somaliland. Sol. water. Uses—mfr. mucilage, adhesives. Grades—tech.

*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, ELEMI (Canarium, Manila Elemi)
Resin from Canarium commune, etc. Habitat—Philippine Islands. Soft, transparent, yellowish, granular masses. Sp. gr. 1.018-1.088. M.P. 120°C. Sol. alcohol, ether, chloroform. Uses—mfr. paints, varnishes, lacquers, printing inks, perfumery, linoleum, oil-cloth; as ingredient of fireproofing and waterproofing compositions; in process engraving and lithography; in medicine. Grades—tech.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
Meer Corp, 318 W 46 St, N Y 36
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
Tragacanth Importing Corp, 160 Water St, N Y 38
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM GAMBIR see also Gambir
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

GUM, GAMBOGE (Coloring Gum, Cambogia, Gummi Guttai)
Grayish or orange-brown amorp., cylindrical pieces. Acid No. 68-89. Saponification No. 115-150. Sp. gr. 1.03. Sol. acetone, alcohol, methanol, benzene, ether; insol. water. Uses—mfr. varnishes, lacquers, paints. Grades—U.S.P.; glassy; ordinary; Guaiacum officinale.

City Chem Corp, 132 W 22 St, N Y 11
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

GUM, GHATTI
Acacia gum. Sol. water. Uses—see Gum Arabic. Grades—tech.

Colony Import & Export Corp, 11 E 44 St, N Y 17
T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Meer Corp, 318 W 46 St, N Y 36
*Morningstar, Nicol, 630 W 51 St, N Y 19
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
*Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, GUAIAC (Guaiacum, Guaiac Resin)
Resin of the wood of Guaiacum officinale or Guaiacum sanctum. Habitat—Florida, West Indies, South America. Sp. gr. 1.2. M.P. 85-90°C. Sol. alcohol, ether, acetone, caustic soda, chloroform. Uses—mfr. varnishes; in medicine. Grades—U.S.P. (Garcinia Hanburn); pipe; blocky; powd.

*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Meer Corp, 318 W 46 St, N Y 36

GUM, HOG see Gum, Tragacanth

GUM, INDIAN see Gum, Karaya

GUM, JUNIPER see Gum, Sandarac

GUM, KARAYA (Indian Gum, Kadaya)
Gummy exudation from Sterculia campanulata. Habitat—Africa, Australia. Uses—mfr. varnishes, lacquers, inks, rubber compositions, linoleum, oil-cloth, polishes; in process engraving, coating paper. Grades—as to color, white to gray. Sterculia campanulata.
● Pkg—Bags.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
City Chem Corp, 132 W 22 St, N Y 11
Colony Import & Export Corp, 11 E 44 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
*Dodwell & Co, 120 Wall St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
*Tragacanth Importing Corp, 160 Water St, N Y 38
Welch, Holme & Clark, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

GUM, KAURI (Kauri Resin)
Yellow, amber-like resin from New Zealand. Sp. gr. 1.050. M.P. 182-232°C. Sol. alcohol, turpentine, petroleum spirit, benzol; insol. water. Uses—mfr. varnishes, Japans, paints, cements, amber substitutes, linoleum, oil-cloth. Grades—various as to color and size of pieces.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Alfred D Brown Associates, 59 Pearl St, N Y 4
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, KINO
Inspissated juice of Pterocarpus marsupium. Habitat—Western Africa, East India, Ceylon, Bengal. Uses—in tanning leather; textile sizing; in medicine. Grades—tech.

*S B Penick & Co, 50 Church St, N Y 7

GUM LAC see Shellac

GUM, LOCUST BEAN (Tragasol)
Produced from the seeds of the carob tree which has extensive sources around the Mediterranean basin from Spain to Palestine. Uses—principally as sizing agent in textile mfr.

M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Chemsol, Inc, 74 Dod Court, Elizabeth 3, N J
City Chem Corp, 132 W 22 St, N Y 11
Colony Import & Export Corp, 11 E 44 St, N Y 17
Dalton-Cooper, 200 W 34 St, N Y 1
*Dodwell & Co, 120 Wall St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kem Products Co, 227-229 High St, Newark 2, N J
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
*Morningstar, Nicol, 630 W 51 St, N Y 19
William D Neuberg Co, 420 Lexington Ave, N Y 17
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
J U Starkweather Co, 241 Allens Ave, Providence, R I
Tragacanth Importing Corp, 160 Water St, N Y 38
Welch, Holme & Clark, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

GUM, MACASSAR
A general name given a large group of gums whose principal shipping port is Macassar. (See Gum Manila, Gum East India, Gum Pontianak, etc., for details). Grades—tech.

O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, MANILA (Manila)
Yellowish to brownish-yellow masses. From Agathis alba and Dammara orientalis. Habitat—Philippines. Sp. gr. 1.065 and 1.060. M.P. 190°C and 120°C. Saponification No. 87.0 and 185.1. Acid No. 72.8 and 145.2. Sol. ether, alcohol, methanol, mixtures of amyl and ethyl alcohol; insol. turpentine; partially sol. acetone. Uses—mfr. varnishes, lacquers, enamel paints. Grades—tech.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Colony Import & Export Corp, 11 E 44 St, N Y 17
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
Tragacanth Importing Corp, 160 Water St, N Y 38
United States Industrial Chem Co Div, 120 Broadway, N Y 5

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

GUM, MASTIC (Mastiche, Mastix, Pistachia Galla)

Pale yellowish or greenish transparent resin. Derived from Pistacia lenticus. Sp. gr. 1.04-1.07. M.P. 105-120°C. Acid No. 50-70. Saponification No. 82-93. Sol. acetone, alcohol, oil of turpentine. Uses—mfr. spirit varnishes, lacquers, adhesives, incense, chewing gum, lithography; in medicine. Grades—N.F. (Pistacia Lentiscus): tears; sorts; U.S.P.; tech.

City Chem Corp, 132 W 22 St, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
O G Innes Corp, 82 Wall St, N Y 5
Meer Corp, 318 W 46 St, N Y 36
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, MYRRH (Herrabol Myrrh)

Gum resin of Commiphora Myrrh. Irregular brown tears. Habitat—Nubia, Somaliland, Arabia. Sp. gr. 1.12 to 1.28. Acid No. 60-70. Saponification No. 159-230. Uses—mfr. dental preps.; in cosmetics, incense, paints, varnishes, lacquers, dye preps.; in medicine. Grades—U.S.P.; ordinary; select.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, OLIBANUM

Clear yellow resin from Boswellia Carteri. Habitat—British India. Odor of incense, gray to brown, in lumps and granules. Uses—mfr. of incense, aromatic oils, perfumes, pastilles, fumigating powd. Grades—tears and siftings.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
Charles L Hulsking & Co, 45 Clinton Ave, Bklyn 5, N Y
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, OPOPANAX

Oleo-gum-resin of reddish-yellow color; unpleasant odor; bitter, acrid taste. Derived from exudation of Opopanax chironium, native to the Levant and southern France, Italy and Greece. Sol. partly in water.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, PONTIANAK (Jelutong)

Derived from species of Dyera. Habitat—Malacca, Borneo. Sp. gr. 1.037. M.P. 135°C. Saponification No. 186.5. Acid No. 134. Iodine No. 119-142. Sol. turpentine, alcohol, ether, benzol, amyl alcohol, hot caustic alkali; partially sol. volatile oils, carbon disulfide, chloroform; insol. water, benzene, benzine. Uses—mfr. paints, varnishes, chewing gum, linoleum, oilcloth, rubber compositions. Grades—tech.

O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rottegdam, 61 Broadway, N Y 6
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUM, RED see Gum, Accroides

GUM, SANDARAC

Derived from Callitris quadrivalvis. Habitat—Morocco. Light yellow tears, brittle and translucent. Sp. gr. 1.04. M.P. 135-149°C. Acid No. 95-160. Saponification No. 143. Sol. alcohol, ether, amyl alcohol, hot alkalies; partly sol. carbon disulfide, chloroform, oil of turpentine. Uses—mfr. paints, varnishes, lacquers, dental cements, incense, erasers, linoleum, oilcloth; as fumigant. Grades—tech. (Callitris Quadrivalvis).

City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
O G Innes Corp, 82 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Tragacanth Importing Corp, 160 Water St, N Y 38

GUM, SENEGAL—see also Gum Arabic

Variety of gum Arabic. Habitat—West Africa. Sp. gr. 1.400. Uses—mfr. paints, varnishes, lacquers, artist's water colors, baked products, confectionery, inks, adhesives, mucilage; in process engraving; binding books; treating textiles and paper; as ceramic ingredient; in medicine. Grades—as to quality.
●Pkg—25, 50, 100 lb. bags, bbls., drums.

Paul A Dunkel & Co, 1 Wall St, N Y 5
*Tragacanth Importing Corp, 160 Water St, N Y 38

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TRAGACANTH
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KARAYA
LOCUST BEAN
OLIBANUM
BENZOIN

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BOWLING GREEN 9-1158-59

GUM, SHIRAZ

Uses—mfr. printing pastes for fabrics, shoe blackings, rubber compositions, glues, adhesive preps., sweetmeats, custard powd., pie fillings; oil-cloth, linoleum, varnishes; in printing and lithography; coating photographic paper. Grades—tech.

Paul A Dunkel & Co, 1 Wall St, N Y 5
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
*Tragacanth Importing Corp, 160 Water St, N Y 38
*Jacques Wolf & Co, Passaic, N J

GUM, STARCH see Dextrin

GUM, STYRAX

P R Dreyer, 113 W 19 St, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14

GUM, SYNTHETIC see Dextrin

GUM, THUS (Olibanum, Frankincense)

Gum resin from Boswellia Carterii Birdwood. Habitat—Egypt, Somaliland. Vol. oil 3-8%; resin 60-70%; bitter principle; gum (27-35%). Uses—in fumigation; in medicine.

Meer Corp, 318 W 46 St, N Y 36
L A Salomon & Bro, 216 Pearl St, N Y 38

GUM, TRAGACANTH (Goat's Horn, Hog Gum, Gum Dragon)

Derived from Astragalus gummifer. Habitat—Levant. White, smorp., ribbon-shaped bands. Sp. gr. 1.384. Sol. alkaline solutions, aqueous peroxide of hydrogen solutions. Uses—mfr. shoe and metal polishes, cosmetics, toilet preps.; as ingredient in printing textiles, pyrotechnic and match head compositions; emulsifying agent for various chemical purposes; in dressing leather; in medicine. Grades—U.S.P. (Astragalus Gummifer); Aleppo Turkish; Nos. 1 to 6 as to quality. Ribbons and powd.; Indian (see Karaya).

*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Colony Import & Export Corp, 11 E 44 St, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
*Dodwell & Co, 120 Wall St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
T M Duché & Sons, 117 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
Egor Chem Co, 205 E 42 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Morningstar, Nicol, 630 W 51 St, N Y 19
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg, 420 Lexington Ave, N Y 17
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Seaboard Industries, 195 Keene St, Paterson, N J
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tragacanth Importing Corp, 160 Water St, N Y 38
Welch, Holme & Clark, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

GUM, VEGETABLE see Dextrin

GUM, YACCA see Gum, Accroides

GUM, YELLOW see Gum, Accroides

GUM, ZANZIBAR (Animi Gum)

Variety of copal from Zanzibar. Derived from species of Trachylobium. Insol. most solvents. Uses—mfr. varnishes, lacquers. Grades—bean, pea; sorts.

*William H Scheel, 38 Franklin St, Bklyn 22, N Y

GUMS, BOOT AND SHOE

Adhesives used in place of sole stitching operation in shoe manufacture.

*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
O G Innes Corp, 82 Wall St, N Y 5
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y

GUMS, ENVELOPE

Adhesives used in envelope manufacture.

*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y

GUMS, ESTER

Glyceryl, methyl, and ethyl esters of abietic acid (rosin). Sol. amyl acetate, chloroform, turpentine. Glycerine derivative. B.P. 290°C cellulose lacquers; with tung oil for waterproofing varnishes. Grades—glycerin resinates graded as to color. Uses—in place of copal, damar, and kauri gums in paints, enamels.

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Crosby Chem, P O Box 32, De Ridder, La
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
*Hercules Powder, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*G A Wharry Co, 95 Broad St, N Y 4

GUMS, LACQUER

Natural or synth. gums employed in lacquer formulation to impart durability to the film. In the natural group the damars are most important, Kauri and copal next, followed by a miscellaneous list of the so-called varnish gums. In the synth. group ester gum, produced from glycerine, is widey used, also various types of synth. resins of the coal-tar, phenolic, alkyd, etc., types.

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Reichhold Chem, 630 5 Ave, N Y 20
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PLASTER of PARIS

Complete Line of Gypsum Plasters for all industrial uses including:

Moulding
Casting
Ceramic
Art
Dental
Orthopedic

HYDROCAL* Super Strength Gypsum Cements

UNITED STATES GYPSUM COMPANY

Industrial Division

300 W. Adams St. **Chicago 6, Illinois**

*HYDROCAL is a trademark Reg. U.S. Pat. Off. for a super-strength gypsum cement manufactured by the United States Gypsum Co.

GUMS, PAPER BOX MAKERS'

Specialized adhesives used in the paper box and corrugated carton industries.

Hayes Adhesives, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

GUMS, SYNTHETIC

Gums used in the mfr. of varnishes, etc., produced synthetically (as contrasted with those of natural origin) as the ester gums, are important members of the group prepared from resin. Other synth. gums are prepared for copal, kauri, and anime resins, and other hydroxy-compounds, such as resorcinol, phenol, or carbohydrates. See also Gum Ester; Resins, Synthetic.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Dow Chem Co, Midland, Mich
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUMS, TEXTILE PRINTING

Specially processed natural gums (boiled under pressure, clarified and filter-pressed to remove all traces of grit and foreign matter) and synthetically mfr. resins, used for machine printing on silk, rayon, or cotton. Requirements are: that they assist in effecting sharp prints, flow freely, and wash out easily.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Dodwell & Co, 120 Wall St, N Y 5
Paul A Dunkel & Co, 1 Wall St, N Y 5
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Meer Corp, 318 W 46 St, N Y 36
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Onyx Oil & Chem. Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Scher Bros,, 519 Gettv Ave, Clifton, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Jacques Wolf & Co, Passaic, N J

GUMS, VARNISH (Natural)

Natural materials incorporated in varnishes, paints, lacquers, enamels, etc., to produce a hard and durable film. The principal varnish gums rated according to hardness are: Zanzibar Anime; Benguela; Angola; North Coast, or Accra; Kauri; Pontianak; Congo; Manila; East India; Sandarac; Damar.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*D Hecht & Co, 510 Battery St, San Francisco, Cal
O G Innes Corp, 82 Wall St, N Y 5
Innis, Speiden & Co, 117 Libertv St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Reichhold Chem, 630 5 Ave, N Y 20
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

GUMS, WATER-SOLUBLE

Broad term denoting those natural gums which are wholly or partially sol. in water as contrasted with the so-called varnish gums or spirit-soluble gums. Principal members of the group are Arabic, Locust Bean, Karaya, Tragacanth, etc.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
Colony Import & Export Corp, 11 E 44 St, N Y 17
*Dodwell & Co, 120 Wall St, N Y 5
Paul A Dunkel & Co, 1 Wall St, N Y 5
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kelco Co, 31 Nassau St, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Meer Corp, 318 W 46 St, N Y 36
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

GUMELINE see Dextrin

GUMMI GUTTAL see Gum, Gamboge

GUMTREE see Gum, Accroides

GUN COTTON see Nitrocellulose

GYPSITE see GYPSUM

GYPSUM (Calcium Sulfate, Alabaster, Gypsite, Selenite, Satin Spar)—see also Calcium Sulfate

$CaSO_4 2H_2O$. M.W. 172.17. White, red, gray, yellow or blue—black or brown when impure—crystalline. Natural. Sp. gr. 2.32. Loses water at 163°C. Sol. hydrochloric acid, common salt, ammonium salts. Uses—mfr. plaster of Paris, ammonium sulfate and other inorganic chemicals, Keene's cement, special cement paints, imitation ivory products and other plastics, polishing powd., baking powd., self-raising flours; in fertilizer compositions; softening hard water in brewing; dyeing textiles and calicoes; smelting zinc ores; as manure preservative and soil stimulant; retarding agent in cements; paint filler and pigment; drier in oils, terra alba and other mineral pigments; filler for plaster-board, wallboard, tile, and blocks, making stucco; surface coating papers. (Note, these uses include those for Calcium Sulfate as well.) Grades—crude; ground; anhydrous. (See also Calcium Sulfate.)
● Pkg—100, 225 lb. drums, 100 lb. bags.

Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

GYPSUM, AGRICULTURAL

Official definition of the Association of Official Agricultural Chemists: Gypsum, Land Plaster, or Crude Calcium sulfate, are products consisting chiefly of calcium sulfate. They may contain 20% combined water.
● Pkg—100, 225 lb. drums, 100 lb. bags.

*J M Baird & Co, 254 W 31 St, N Y 1
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*United Stats Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17

HCN see Acid Hydrocyanic

HNM see Mannitol Hexanitrate

HAEMATOXYLUM see Logwood

HAHNEM AURIS MERCURY see Mercurous Chloride

HARDENERS, CONCRETE

Chemicals and preps. which protect and preserve concrete, as concrete floors with heavy traffic, by reinforcing the porous structure and providing a smooth surface.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Cole Labs, 42-45 9 St, L I C 1, N Y
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Johns-Manville, 22 E 40 St, N Y 16
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

HARDENERS, PHOTOGRAPHIC

*Edwal Labs, Ringwood, Ill
*Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal

HARD LEAD see Antimonial Lead

HARDWOOD TAR see Tar, Wood

HEAT TRANSFER MEDIUMS

Preps. used for heat transfer and storage purposes. Used in power plant boilers, chemical processes, oil distillation, laboratory heating work, candy kitchens, linseed oil factories, and various process industries.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Croton Chem Corp, 114 Libertv St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
*Dow Chem Co, Midland, Mich
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Newport Industries, 230 Park Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

HEAVY CARBURETTED HYDROGEN see Ethylene

HEAVY SPAR see Barium Sulfate

HELIANTHIN see Methyl Orange

HELIOTROPIN (Piperonal)

$CH_2O_2C_6H_3CHO$. M.W. 150 Colorless cryst. Sol. alcohol, ether. Uses—perfumery.
● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Tombarel Products Corp, 12 E 22 St, N Y 10
*Torro Products Co, 52-54 Wooster St, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
O J Weeks Co, 44 N Moore St, N Y 13

HELIUM

He. Colorless, inert gas. Liquefies at —268.82°C. Uses—electric luminescent tubes, gas cells of lighter-than-air craft.
● Pkg—Cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

HELLEBORE ROOT (Veratrum Viride)

Dried rhizome and roots of Veratrum Viride. Habitat—Eastern and Central U.S. Uses—in medicine. Grades—American U.S.P. (Veratrum Viride); black (Helleborus Niger); white (Veratrum Album).

Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

HEMATEIN

$C_{16}H_{12}O_6$. Green to reddish-brown cryst. Uses—biological stain; indicator.
● Pkg—Drums.

*American Dyewood Co, Main & Joralemon Sts, Belleville N J
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y

HEMATINE EXTRACT

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y

HEMATOIDIN see Bilirubin

HEMATOPORPHYRIN HYDROCHLORIDE

*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y

HEMATOXYLIN (Hydroxybrasilin)

$C_{16}H_{14}O_6$. Yellow to brown cryst. which reddens on exposure to light and air. Uses—widely used as a biological stain; in ink mfr., textile dyeing.
● Pkg—Custom packed.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*National Aniline Div, 40 Rector St, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J

HEMIN CHLORIDE

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

HEMLOCK EXTRACT

Extract made from bark of Tsuga canadensis. Uses—mfr. boiler compounds; in tanning leather. Grades—liq.
● Pkg—Bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

HEPARCALCIS see Calcium Sulfide

HEPARIN

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

HEPATIC GAS see Hydrogen Sulfide

HEPTADECANOL

$C_{17}H_{35}OH$. M.W. 256.46. Colorless liq. B.P. 308.5°C. Sp. gr. 0.8475 at 20°C. Very sl. sol. in water. Uses—plasticizer intermediate; perfume fixative for cosmetic preps.; mfr. detergents.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1

HEPTALDEHYDE

$CH_3(CH_2)_5CHO$. M.W. 114.18. Colorless liq. with a mild, pungent odor. Uses—prep. of various heptyl derivatives, intermediates, pharmaceuticals, synth. aromatic chemicals.
● Pkg—55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*International Selling Corp, 122 E 42 St, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Wallace & Tiernan Products, 1 Main St, Belleville 9, N J

HEPTANE (Methyl-Hexane, Dipropylmethane, Hexyl-Methane)

C_7H_{16}. M.W. 100.12. Commercial grade from natural gas. Boiling range 90-100°C. Sp. gr. 684. Uses—organic synthesis, organic analysis, solvents, prep. of laboratory reagents.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Oil & Chem Products, 295 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

HEPTANOL-3

● Pkg—1 gal. cans, 5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Selling Corp, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y

HEPTENES

● Pkg—Custom packed.

*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

HEPTYL ACETATE

● Pkg—Cans, drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

n-HEPTYL BROMIDE (1-Bromoheptane)

$CH_3(CH_2)_5CH_2Br$. M.W. 134.6. Liq. Insol. water; miscible alcohol, ether.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Toelle Chem Co, R D 1, Box 75, Newton, N J

sec-HEPTYL BROMIDE

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

n-HEPTYL IODIDE

$CH_3(CH_2)_5CH_2I$. M.W. 226.04. Liq. M.P.—48.2°C. B.P. 203.95°C. Insol. water; sol. alcohol.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

HEPTYL MERCAPTAN, tert.

$C_7H_{15}SH$. M.W. 132.48. B.R. 142-176°C. Uses—chemical intermediate.
● Pkg—Quart, 1 gal. bottles, 5 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

MONSANTO CHLORO IPC

Properties: White crystalline solid; assay 99.0% min.; melting point 36°C. min.; soluble in or miscible with a wide variety of organic solvents. A selective herbicide useful in many crops where 2,4-D is hazardous.

MONSANTO
CHEMICALS—PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri
SERVING INDUSTRY...WHICH SERVES MANKIND

HERBICIDES

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Ashcraft-Wilkinson Co, 601 Trust Co of Ga Bldg, Atlanta, Ga
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*E & F King & Co, 640 Pleasant St, Norwood, Mass
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Solvay Process Div, 61 Broadway, N Y 6

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MONSANTO
2, 4, 5-T

Properties: Tan powder; assay approx. 98-99%; M.P. about 151-152°C. Insoluble in water, soluble in alcohol; readily forms sodium and alkanol amine salts. A hormone-type compound having high plant toxicity for many species.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

HERBICIDES, continued

*William M Stieh & Co, 20 Vesey St, N Y 7
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

HERRABOL MYRRH see Gum, Myrrh

HEXACHLOROBENZENE

C_6Cl_6. White cryst. solid. M.P. 224-227°C. Uses—as an intermediate.
● Pkg—125, 150 lb. drums.

Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
Fallek Products Co 163 Broadway, N Y 6
Hummel Chem Co, 90 West St, N Y 6
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

1,2,3,4,5,6, HEXACHLOROCYCLOHEXANE see Benzene Hexachloride

HEXACHLOROCYCLOPENTADIENE

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

HEXACHLOROETHANE (Carbon Trichloride, Carbon Hexachloride, Perchloroethane)

C_2Cl_6. M.W. 236.74. White cryst., camphor odor. Sp. gr. 2.091. M.P. 183.6-183.7°C. B.P. sublimes at 185°C. Sp. Heat. 25°C. 0.175 g. cal. Heat of Sublimation (at subl. point), 11,000 g. cal./g. mole. Sol. alcohol, ether. When exposed to the air vaporizes slowly. Uses—mfr. intermediate and organic chemicals, accelerators; fireworks; fermentation retarding; as camphor substitute in celluloid; ingredient of safety explosives; in medicine. Grades—tech.
● Pkg—275 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

HEXACHLOROPHENE

*Sindar Corp, 330 W 42 St, N Y 36

HEXACHLOROPROPYLENE (Perchlorpropylene)

CCl_3-CCl:CCl_2. M.W. 249. Water-white; mild odor. Insol. water; miscible with alcohol, ether, chlorinated solvents. Uses—solvent and plasticizer for rubber and other polymeric materials; non-flammable hydraulic fluid.

*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C

HEXADECANOL see Alcohol, Cetyl

HEXADECYL CHLORIDE see Cetyl Chloride

HEXADECYL MERCAPTAN, tert.

$C_{16}H_{33}SH$. M.W. 259.02. B.R. 126-150°C. Uses—rubber modification, insecticides, fungicides, chemical intermediate.
● Pkg—Quart, gal. bottles, 5, 55 gal. drums.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

HEXAETHYL TETRAPHOSPHATE

$C_{12}H_{30}O_{13}P_4$. M.W. 560.44. Light yellowish to dark liq. Uses—insecticide.
● Pkg—55 gal. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*John Powell & Co, 1 Park Ave, N Y 16
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

HEXAGLYCERINE see Trimethylolpropane

HEXAHYDROCRESOL see Methyl Cyclohexanol

HEXAHYDROPHENOL see Cyclohexanol

HEXAHYDROPYRAZINE see Piperazine

HEXAHYDROPYRIDINE see Piperidine

HEXALIN see Cyclohexanol

HEXAMETHONIUM

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
Hexagon Labs, 3536 Peartree Ave, N Y 69
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

HEXAMETHONIUM BROMIDE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

HEXAMETHONIUM CHLORIDE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

HEXAMETHONIUM IODIDE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

HEXAMETHYL IODIDE

*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

HEXAMETHYLENE DIBROMIDE

● Pkg—Bottles.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Pierce Chem Co, P O Box 117, Rockford, Ill

HEXAMETHYLENEAMINE see Hexamethylenetetramine

HEXAMETHYLENETETRAMINE (Urotropin, Cystamin, Ammonioformaldehyde, Formin, Aminoform, Hexamine, Cystogen, Methenamine, Hexamethyleneamine, Galloformin)

$C_6H_{12}N_4$. Colorless cryst. M.P. 280.1°C. Sol. water, alcohol, chloroform. Uses—mfr. synth. resins, vulcanization accelerators, absorbent military gas masks, pharmaceutical derivatives; in medicine; waterproofing agent for glue for cork products. Grades—U.S.P.; rubber makers impalpable powd.
● Pkg—25, 50, 100, 150 lb. drums, 100 lb. bags, 200 lb. bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Trading Co, 233 Broadway, N Y 7
Chemical Service Corp, 82 Beaver St, N Y 5
Chematar Inc, 40 Exchange Pl, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Kingston Chem Co, 15 William St, N Y 5
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
*White Cross Labs, 79 Wall St, N Y

HEXAMINE see Hexamethylenetetramine

HEXANE (Caproyl Hydride, Hexyl Hydride)

C_6H_{14}. M.W. 86.14. Usually colorless liq. Sp. gr. 0.658. F.P. —94°C. B.P. 69°C. Highly inflammable. Insol. water, sol alcohol, ether. Usually marketed in two grades, commercial, with B.R. 60-70° C and a sp. gr. of .667 and a normal grade with a B.R. of 65-67°C and a sp. gr. of .678, used largely for research purposes.
● Pkg—Drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
C P Chem Solvents, 60 Park Pl, Newark 2, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Oil & Chem Products, 295 Madison Ave, N Y 17
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Oil Co, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

HEXANITRO MANNITE see Mannitol Hexanitrate

HEXANOL see Alcohol, n-Hexyl Hexenes

HEXENES

*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

HEXESTROL

$C_{18}H_{22}O_2$. M.W. 270.36. Colorless crystalline powd. M.P. 185-188°C. Uses—pharmaceuticals, synth. hormone. Sol. ether, acetone, alcohol.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Nepera International Corp, 37 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

HEXONE (Methyl Isobutyl Ketone)

$(CH_3)_2CH.CH_2.COCH_3$. Liq. with agreeable odor. B.P. 118°C. Wt. 6.667 lbs. to gal. Sp. gr. .798 .804 at 20°/20°C. B.R. 115°-122°C. Acidity not more

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

than .05% calc. as acetic acid. Flash 23°C. Solubility in water, 87% at 20°C. Sol. in acetone, alcohol, ether, hydrocarbons and most organic liq. Evaporate sl. faster than butyl acetate. Uses—solvent for nitrocellulose, gums, resins; used in lacquers as "medium-boiling" solvent.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
International Selling Corp, 122 E 42 St, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

HEXYL BROMIDE (1-Bromohexane)

$C_6H_{13}Br$. M.W. 165.02. Colorless liq. M.P.—85°C. B.P. 156°0.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Mercer Chem Corp, 11 Mercer St, N Y 13

HEXYLENE GLYCOL

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

HEXYL HYDRIDE see Hexane

n-HEXYL IODIDE (1-Iodohexane)

$C_6H_{13}I$. M.W. 212.03. Heavy, colorless to amber liq.; pleasant sweet odor. Sol. most organic solvents. Insol. water. Uses—intermediate in organic syntheses, in mfg. of pharmaceuticals.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

HEXYL MERCAPTAN

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

n-HEXYL METHACRYLATE

$CH_2{=}C(CH_3)—COOC_6H_{13}$. M.W. 170. B.R. 88-92°C./16 mm. Sp. gr. 0.885. Uses—prep. of polymers and copolymers.
● Pkg—400 lb. drums.

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

HEXYL-METHANE see Heptane

HEXYLMETHYL KETONE see Methyl Hexyl Ketone

HEXYLRESORCINOL (n-Hexyl 2,4-Dihydroxybenzene, Caprobol)

$C_{12}H_{18}O_2$. M.W. 194.2. A pale yellow, heavy liq. becoming solid on standing at room temp. Sol. alcohol. Used as a urinary antiseptic being more powerful than phenol and less toxic.
● Pkg—Custom packed.

*American Quinine Co, 15 William St, N Y 5
*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*Fisher Chem Co, 220 E 42 St, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
McKesson & Robbins, 155 E 44 St, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

HISTAMINE (B-Iminoazolyl-4-Ethylamine, B-Aminoethylglyoxaline)

$C_5H_9N_3$. M.W. 111. White cryst. Uses—in medicine.

*Bios Labs, 17 W 60 St, N Y 23
Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Roussel Corp, 155 E 44 St, N Y 17
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

HISTAMINE DIPHOSPHATE

$C_5H_9N_3.2H_3PO_4$. M.W. 307.18. White cryst. Uses—in medicine.

*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Roussel Corp, 155 E 44 St, N Y 17
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

HISTAMINE, SALTS

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Gane & Ingram, 43 W 16 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Roussel Corp, 155 E 44 St, N Y 17
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

HISTIDINE MONOHYDROCHLORIDE (a-Amino-B-Iminoazolylpropionic Acid)

$C_6H_9O_2N_3.HCl$. M.W. 191.48. White cryst. Uses—in medicine.
● Pkg—Custom packed.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Merck & Co, Rahway, N J
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Roussel Corp, 155 E 44 St, N Y 17
E O Schaeffer Chem Co, 381 4 Ave, N Y
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

HISTIDINE, SALTS

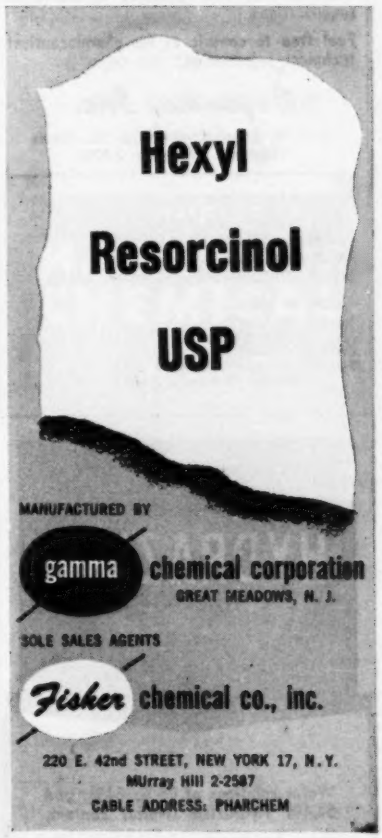
*Bios Labs, 17 W 60 St, N Y 23
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Gane & Ingram, 43 W 16 St, N Y 11
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Roussel Corp, 155 E 44 St, N Y 17
E O Schaeffer Chem Co, 381 4 Ave, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

HOOFOIL see Oil, Neatsfoot

HORMONES

Organic substance formed in the ductless glands, such as the thyroid, pituitary and adrenal glands, and the testes and ovaries, and secreted in small quantities directly into the blood with strong physiological effect, acting usually as a messenger in the blood stream for the stimulation of a specific function.

American Roland Corp, 16 Hudson St, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fallek Products Co, 163 Broadway, N Y 6
*Glidden Co, Soya Products Div, 1825 N Laramie Ave Chicago 39, Ill
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
McKesson & Robbins, 155 E 44 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Organics, Inc, 1724 W Greenleaf, Chicago 26, Ill
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Barcow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Schering Corp, 2 Broad St, Bloomfield, N J



DELCHEM

FINE CHEMICALS, MEDICINAL CHEMICALS, HORMONES

N-Bromosuccinimide
Mephenesin
Estrone U.S.P.
Testosterone
Progesterone
Estrogenic Substance
Diethylstilbestrol
Vitamin D-3
Terpin Hydrate
Desoxyephedrines
Amphetamines
Neostigmine $MeSO_4$, USP
Benzocaine
Calcium Pantothenate
PABA, Acid, Sodium & Potassium Salts
PAS, Acid & Sodium Salt
Hydroxyquinolines
Lanolin
Beeswax
Pentobarbital, Acid & Sodium Salt
Phenobarbital
Resorcinol USP
Soy Albumen
Soy Peptone
Soy Proteins
Procaine • HCl
Mercury • Salts
Aminophylline
Phenylmercuric Compounds

WRITE FOR COMPLETE PRICE LIST C

We are sales agents for companies having a variety of facilities for special preparations and custom manufacture. Inquiries handled in confidence.

J. H. DeLAMAR & SON, INC.

Michigan 2-2860 — 461 West Erie Street — Chicago 10, Ill.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

HORMONES

ESTRONE

ESTRADIOL

NATURAL ESTROGENIC SUBSTANCE

TESTOSTERONE

PROGESTERONE, ETC.

Supplied in Crystalline form, Bulk solutions and suspensions, and sterile vials and ampules.

We are manufacturing chemists dealing in ethical bulk pharmaceuticals. Our laboratory and technical facilities are available to the pharmaceutical industry for developing and manufacturing new products to individual specifications.

Feel free to consult us for pharmaceutical technical information.

Organics, Inc.

1724 W. Greenleaf — Chicago 26, Illinois
Telephone: AMbassador 2-3253

Agents:

Ohio, Michigan, and Indiana
Continental Chemical Co.
14812 Alma Avenue
Detroit, Michigan—Phone: Lakeview 7-5018

other 45 states
Hendrey Chemical Co.
1318 Sherman Avenue,
Evanston, Illinois
Phone: Evanston—GReenleaf 5-1240
Chicago—AMbassador 2-6878

HYDRAZINE

Water solutions of 95%; 64%; and 54.4% Hydrazine (N_2H_4) content.

Shipped in 240-lb. and 440-lb. drums, 1-lb. and 5-lb. bottles.

Hydrazine Derivatives including Dihydrazine Sulphate and Hydrazine Monobromide and many others.

Shipped in 1-lb. bottles and in 20-lb. and 200-lb. drums.

For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Hydrocarbon Chemicals Division
Baltimore 3, Maryland

HORMONES, continued

Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

HUMECTANTS

*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Morningstar, Nicol, 630 W 51 St, N Y 19
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

HURR NUTS see Myrobalan Extract

HYALURONIDASE

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Chemtech Products Corp, 801 2 Ave, N Y 17
*Delton Products Corp, 154 Nassau St, N Y 38
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Henley & Co, 801 2 Ave, N Y 17
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal

HYDRACRYLONITRILE see Ethylene Cyanohydrin

HYDRARGILLITE see Aluminum Hydroxide

HYDRARGYRI CHLORIDUM CORROSIVUM see Mercuric Chloride

HYDRARGYRI CHLORIDUM MITE see Mercurous Chloride

HYDRARGYRI PERCHLORIDUM see Mercuric Chloride

HYDRAZINE

• Base

• Hydrate

• Salts

FAIRMOUNT CHEMICAL CO., INC.

600 Ferry Street Newark 5, N. J.

HYDRARGYRI SUBCHLORIDUM see Mercurous Chloride

HYDRARGYRUM see Mercury

HYDRATED ALUMINA see Aluminum Hydroxide

HYDRATED COPPER OXIDE see Copper Hydroxide

HYDRATED IRON OXIDE see Ferric Hydroxide

HYDRAULIC FLUIDS

*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10

HYDRAZINE

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md
Rosenthal Bercow Co, 25 E 26 St, N Y
*Simpson Labs Div, 120 Wall St, N Y 5

HYDRAZINE BASE

● Pkg—Drums, carboys.

Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md

HYDRAZINE DIHYDROCHLORIDE

$N_2H_4.2HCl$. White crystalline powd. M.P. 198°C. Sol. water; sl. sol. alcohol. Uses—mfr. phenylhydrazine; in organic synthesis.

Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md

HYDRAZINE HYDRATE (Diamide Hydrate)

$H_2N.NH_2H_2O$. Liq. with alkaline reaction. Fumes on contact with air. Sp. gr. 1.037 (15°C). B.P. 119° C. Sol. alcohol, water; insol. chloroform, ether. Uses—in chemical analysis and synthesis.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Chematar, Inc, 40 Exchange Pl, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
Clifford Chem Div, 170 Broadway, N Y 38
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md
Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
George J Wiesner Co, 150 Nassau St, N Y 38

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

HYDRAZINE SULFATE (Diamine Sulfate)

$(NH_2)_2HSO_4$. Colorless cryst. or white crystalline powd. M.P. 254°C. Sol. water; insol. alcohol. Uses—as fungicide and germicide; reducing agent metallizing mirrors.

● Pkg—Bottles, 25, 50, 125 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Bios Labs, 17 W 60 St, N Y 23
Chematar, Inc, 40 Exchange Pl, N Y 5
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Failek Products Co, 163 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
*Merck & Co, Rahway, N J
*Metalectro Corp, 2900 Kenilworth Ave, Bladensburg, Md
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
*Varlacoid Chem Co, 116 Broad St, N Y 4

HYDRAZOBENZENE see Phenylhydrazine

HYDRAZOBENZOL see Hydrazobenzene

HYDROCARBON BLACK see Carbon Black

HYDROCARBONS

*American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
William S Gray & Co, 342 Madison Ave, N Y 17
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Sinclair Refining Co, 600 5 Ave, N Y 20

HYDROCHINONE see Hydroquinone

HYDRODISODIUM PHOSPHATE see Sodium Phosphate, Di-Sodium

HYDROFURAMIDE

$(C_4H_3O\text{-}CH)_3N_2$. M.W. 268.26. Brownish-yellow solid. M.P. 115-120°C. Sol. alcohol, ether, chloroform, acetone. Insol. glycerin, turpentine Uses—synth. resins (curing agent), rubber accelerators, rubber anti-oxidants; fungicides for diseases of wheat, corn.

54, Ill

● Pkg—10, 25 lb. pkgs., 100 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11
*Quaker Oats Co, Chem Dept, Merchandise Mart Plaza, Chicago 54, Ill

HYDROGEN AMMONIUM FLUORIDE see Ammonium Bifluoride

HYDROGEN BROMIDE see Acid, Hydrobromic

HYDROGEN BROMIDE, ANHYDROUS

● Pkg—140 lb. cylinders.

*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Westvaco Chem Div, 161 E 42 St, N Y 17

HYDROGEN CHLORIDE, ANHYDROUS

HCl. M.W. 36.47. Colorless gas or liq. Uses—for certain reactions where muriatic acid is not suitable, such as production of vinyl chloride from acetylene, alkyl chlorides from olefins, separating cotton from wool in reworking shoddy, production of arsenious chloride from arsenious oxide, delinting cotton and other chemical reactions.

*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

HYDROGEN CYANIDE see Acid, Hydrocyanic

HYDROGEN DIAMMONIUM PHOSPHATE see Ammonium Phosphate, Di

HYDROGEN DIOXIDE see Hydrogen Peroxide

HYDROGEN FLUORIDE see Acid, Hydrofluoric

HYDROGEN GAS

H_2. Colorless gas. Sp. gr. 0.06949. Solidifies —259.2°C. B.P. —252°C. Sol. water, alcohol, ether. Uses—mfr. synth. ammonia, electric light filaments, quartz, glassware synth. rubies and sapphires, platinum, organic chemicals, tungsten lamps; in hydrogenation oils, fats and hydrocarbon products; oxy-hydrogen welding flame; inflating balloons and airships; hydrogenizing naphthalene; hydrogenating agent in making intermediates; as photographic reagent. Grades—tech.; pure.

● Pkg—176, 194 cu. ft. cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Wyandotte Chem Corp, Wyandotte, Mich

HYDROGEN GLUORIDE (Hydrofluoric Acid)

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

HYDROGEN IODIDE see Acid, Hydriodic

HYDROGEN NITRATE see Acid, Nitric

HYDROGEN PEROXIDE (Hydrogen Dioxide, Perhydrol Peroxide, Ozogen Auricome

H_2O_2. M.W. 34.02. Colorless liq. Sp. gr. anhydrous 1.4584. F.P. —2°C. B.P. 152.1°C. Miscible water, alcohol ether. Uses—mfr. synth. dyes, intermediates, organic chemicals, soaps; as antiseptic and disinfectant; bleaching, oxidizing and antiseptic agent for many purposes; general oxidizing agent in chemical processes; general food preservative and bleaching agent; bleach in photography; in removing traces of sulfur dioxide in bleaching fruits; bleaching flour, silk, wool, laces, ivory, straw, gelatin, wood, hair, bones, parchment, ostrich feathers, discolored teeth; preserving butter, milk, tanning extract and beer; tanning leather and disinfecting hides; refining and bleaching fats and oils; dyeing and printing textiles; sterilizing beer kegs and destroying growth in wort; electroplating reagent in metal solutions; bleaching and cleaning engravings; metal coloring; making sugar from starch; disinfecting drinking water and for sanitary purposes; in dentifrices and medicine. Grades—U.S.P. (10 vols.); tech. (10, 17, 25 and 100 vols).

● Pkg—60, 120 lb. carboys, 250, 265 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Barium & Chem, Willoughby, Ohio
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Tarding Co, 233 Broadway, N Y 7
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
George Uhe Co, 76 9 Ave, N Y 11
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

HYDROGEN SULFATE see Acid, Sulfuric

HARSHAW

Hydrofluoric Acid

Aqueous and Anhydrous

All commercial strengths ... Also, a complete line of fluorides.

THE HARSHAW CHEMICAL CO.
CLEVELAND 6, OHIO
CHICAGO CINCINNATI DETROIT HOUSTON
LOS ANGELES NEW YORK PHILADELPHIA PITTSBURGH

LOOK FOR THE NOUN

Products are indexed under the noun not the adjective, i. e . . . . Find "Lift Trucks" under "Trucks, Lift".

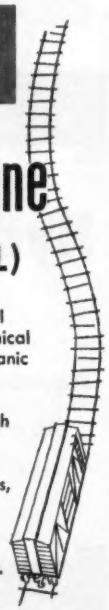
See COMPANY CATALOGS For More Complete Product Information

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Eastman

hydroquinone
(TECQUINOL)

Tecquinol (Eastman technical hydroquinone) is an economical raw material for many organic syntheses. With amines, it yields p-aminophenols and p-phenylenediamines of high quality. It is very useful as a polymerization inhibitor for many monomers, and is a most satisfactory arrester for peroxide-catalyzed polymerizations. Available in fiber-drum lots.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

Hydrosulfites

HYDROSULFITE OF SODA CONC.
For Reduction of Vat Colors

HYDROSULFITE AWC
For Discharge Printing, Stripping; Application Printing of Piece Goods; Pigment White Discharge

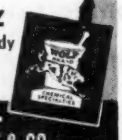
HYDROSULFITE OF SODA CONC. Q.D.
For Continuous Vat Dyeing

INDIGOLITE* and LEUCOTROPE W
For White Discharge on Indigo Dyed Fabrics

HYDROZIN*
For Discharge Printing of Acetates: Stripping Wool and Acetate Colors

HYDROSULFITE BZ
For Stripping Wool Shoddy

*Reg. U.S. Pat. Off.



JACQUES WOLF & CO.
Chemicals PASSAIC, N.J.

Passaic, N.J. • Carlstadt, N.J. • Los Angeles, Calif.

MATHESON

Headquarters for
HYDROGEN SULFIDE
AND 74 OTHER GASES
IN INDUSTRIAL AND LABORATORY CYLINDERS

Acetylene
Ammonia
Argon
Boron Trichloride
Boron Trifluoride
Butadiene
Butane
Butene 2
Butene 1
Carbon Dioxide
Carbon Monoxide
Chlorine
Chlorodifluoromethane ("Freon-22")
Cyclopropane
Dichlorodifluoromethane ("Freon-12")
Dichlorofluoromethane ("Freon-21")
1,1,1, Difluorochloroethane ("Genetron 101")
Dimethylamine
Dimethyl Ether
Ethane
Ethyl Chloride
Ethylene
Ethylene Oxide
Ethylidene Fluoride ("Genetron 100")
Helium
Hydrogen
Hydrogen Bromide
Hydrogen Chloride
Hydrogen Fluoride
Hydrogen Sulfide
Isobutane
Isobutylene
Krypton
Methane
Methyl Bromide
Methyl Chloride
Methyl Mercaptan
Monoethylamine
Monomethylamine
Neon
Neopentane
Nickel Carbonyl
Nitric Oxide
Nitrogen
Nitrogen Dioxide
Nitrous Oxide
Oxygen
Phosgene
Propane
Propylene
Sulfur Dioxide
Sulfur Hexafluoride
Trichlorofluoromethane ("Freon-11")
Trimethylamine
Vinyl Bromide
Vinyl Chloride
Vinyl Methyl Ether
Xenon

CONTROL APPARATUS
Reducing Valves—Needle Valves

Write for our latest Price List

The MATHESON Co., Inc.
East Rutherford, N. J. Joliet, Ill.

HYDROGEN SULFIDE (Sulfuretted Hydrogen, Acid, Hydrosulfuric, Hepatic Gas)

H_2S. Colorless gas, offensive odor. Dens. (air=1) 1.189. Liquefies —85°C. B.P. —61.8°C. Sol. water, alcohol. Uses—mfr. intermediates; as chemical reagent in laboratory; in purification of sulfuric and hydrochloric acids; metallurgy of copper, gold and silver.
● Pkg—Cylinders.

J M Baird Co, 254 W 31 St, N Y 1
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

HYDROQUINOL see Hydroquinone

HYDROQUINONE (p-Dioxybenzene, Hydrochinone, Hydroquinol, p-Hydroxybenzene, p-Hydroxyphenol)

$C_6H_4(OH)_2$. White, colorless cryst. Sp. gr. 1.330. M.P. 171°C. B.P. 285°C. Sol. water, alcohol, ether. Uses—mfr. intermediates, organic chemicals, synth. dyes, drugs; as photographic developer. Grades—photographic; tech.: U.S.P.
● Pkg—25, 100, 200, 250 lb. drums, bbls.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Failek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
L B Russell Chem, 60 Orange St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
George J Wiesner Co, 150 Nassau St, N Y 38
*Zinsser & Co, Hastings-on-Hudson, N Y

HYDROQUINONE MONOBENZYL ETHER

● Pkg—250 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

HYDROSODIC CARBONATE see Sodium Bicarbonate

HYDROSULFITES

*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Industrial Sales Corp, 500 5 Ave, N Y 36
*Jacques Wolf & Co, Passaic, N J

HYDROUS FERRIC PEROXIDE see Ferric Hydroxide

HYDROUS IRON PEROXIDE see Ferric Hydroxide

HYDROTROPIC ALDEHYDE

Fritzsche Bros, 76 9 Ave, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

o-HYDROXY-ACETOPHENONE

● 13 gal. carboys, 15½ gal. bbls.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16

p-HYDROXYBENZALDEHYDE

Colorless needles. M.P. 104°C. B.P. 240°C. Sol. water, alcohol, ether.
● Pkg—150 lb. bbls.

*Dow Chem Co, Midland, Mich

HYDROXYBENZENE see Phenol

p-HYDROXYBENZENE see Hydroquinone

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

p-HYDROXY BENZOIC ACID ESTERS

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Fallek Products Co, 163 Broadway, N Y 6
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

HYDROXYBRASILIN see Hematoxylin

HYDROXYBUTANE see Alcohol, Butyl Normal

HYDROXYBUTYRALDEHYDE see Aldol

b-HYDROXYBUTYRALDEHYDE see Aldol

o-HYDROXY-CINNAMIC LACTONE see Coumarin

HYDROXYCITRONELLAL

$C_{10}H_{20}O$. M.W. 172. Faintly yellow, almost colorless liq. B.P. 94-96°C. at 1 mm. Uses—perfumery.
● Pkg—Custom Packed.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

HYDROXYCITRONELLOL

● Pkg—Custom Packed.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

2-HYDROXY-p-CYMENE see Carvacrol

2-HYDROXYETHYL AMINE ETHANOLAMINE see Monoethanolamine

HYDROXYETHYL CELLULOSE

Exact chemical structure not yet determined. Snow-white, free-flowing powder. Sol. water. Uses—film-forming material, sizing agent, binder, thickener, and protective colloid in aqueous dispersions; adhesive for paper, wood and cloth; warp size for cellulose acetate, rayon, cotton; excellent carrier for pigments and dyes.
● Pkg—Bags, 5, 55 gal. drums.

*Hercules Powder Co, 978 Market St, Wilmington 99, Del

n-HYDROXYETHYL MORPHOLINE

$C_4H_4OC_4H_4NC_2H_4OH$. M.W. 131.17. Colorless liq. B.P. 225.5°C. Sol. water. Uses—to form fatty acid ester for textile and metal oil emulsifier; corrosion inhibitor.
● Pkg—1 gal. cans.

*Jefferson Chem Co, 260 Madison Ave, N Y 16

Di-2-HYDROXYETHYL SULFIDE see Theodiethylene Glycol

HYDROXYISOBUTYRONITRILE see Acetone Cyanohydrin

4-HYDROXY-2 KETO-4-METHYLPENTANE see Alcohol, Diacetone

HYDROXYL AMINE ACID SULFATE

Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

HYDROXYLAMINE HYDROCHLORIDE (Oxammonium Hydrochloride)

NH_2OHHCl. Colorless, hygroscopic cryst. M.P. 151°C. Decomp. on further heating. Sol water, glycerol, alcohol. Uses—mfr. intermediates, organic chemicals; as photographic developer; in medicine. Grades—tech. and C.P.
● Pkg—Custom packed.

Bell Chem Co, 25 W 44 St, N Y 36
Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

HYDROXYLAMINE SULFATE (Oxammonium Sulfate)

$(NH_2OH)_2SO_4$. M.W. 164.14. Colorless liq. Uses—strong reducing agent; precipitation metals; powerful antiseptic; in bleaching; printing and dyeing; discharge of colors; developer in photography; oxidation inhibitor fatty acids. Grades—tech. solution.
● Pkg—Custom packed.

Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

HYDROXYLAMMONIUM ACID SULFATE

$NH_2OH.H_2SO_4$. M.W. 131.11. Indefinite M. P. Uses—raw materials for the synthesis of dyestuffs, pharmaceuticals, etc.
● Pkg—1 gal. cans, 5, 15 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

HYDROXYLAMMONIUM CHLORIDE

$(NH_2OH\cdot HCl)$ M.W. 69.5. Melts at 152°C with decomposition. Uses—raw material for synthesis of dyestuffs, pharmaceuticals, etc.
● Pkg—1, 5, 25 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

HYDROXYLAMMONIUM SULFATE

$(NH_2OH)_2\cdot H_2SO_4$. M.W. 164.14. Melts at 162°C with decomposition. Uses—raw material for the synthesis of dyestuffs, pharmaceuticals, etc.
● Pkg—1 gal. cans, 5, 30, 51 gal. drums.

Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16

2-HYDROXY-3-METHOXY-BENZALDEHYDE (o-Vanillin)

$C_8H_8O_3$. M.W. 152.1. Yellowish crystalline solid. Uses—as antioxidant and as intermediate in chemical synthesis.
● Pkg—50, 225 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, NN Y

b-m-HYDROXYNAPHTHALENE see b-Naphthol

3-HYDROXY-2-NAPHTHOIC ACID see Acid, b-Hydroxy Naphthoic

o-HYDROXY-CINNAMIC LACTONE see Coumarin

HYDROXY-PARACYMENE see Thymol

HYDROXYPHENOL see Pyrocatechol

p-HYDROXYPHENOL see Hydroquinone

b-p-HYDROXYPHENYL-ALANINE see Tyrosine

HYDROXYPHENYLALANINE see Tyrosine-l, Natural

o-HYDROXY PHENYL MERCURIC CHLORIDE (o-Chloromercuriphenol)

$C_6H_4(OH)HgCl$. M.W. 329.11. White to faint pink, fine cryst. Sol. hot water, alkali, alcohol. Uses—highly antiseptic fungicides; for control of blue stain and sap stain in freshly sawed lumber.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

B-HYDROXYPROPIONITRILE see Ethylene Cyanohydrin

HYDROXYPYRUVIC ALDEHYDE

*Bios Labs, 17 W 60 St, N Y 23

CARUS
HYDROQUINONE

For photographic or industrial purposes.
Samples and prices submitted on request.

CARUS CHEMICAL CO., INC.

Box RB 364-53 LaSalle, Ill.

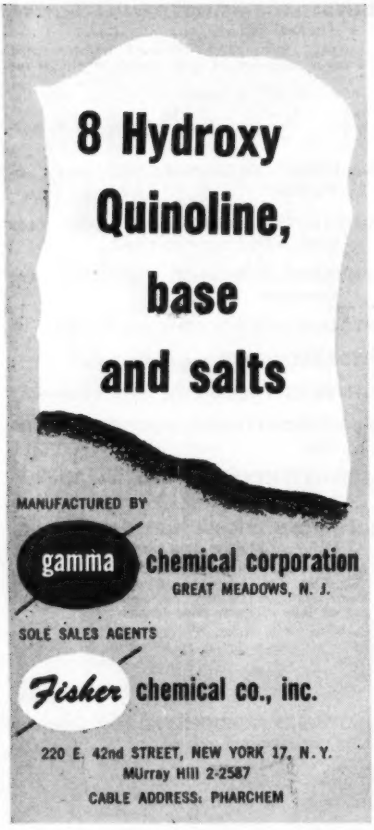
CHEMICALS PER-CHEMICAL GFS PRODUCTS APPARATUS

1, 10 (ORTHO)-PHENANTHROLINES
2, 2' - BIPYRIDYLS

THE G. FREDERICK SMITH CHEMICAL COMPANY
COLUMBUS, OHIO

VERITAS TAMETSI CAELA CADANT

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section



8-HYDROXY QUINOLINE

Fisher Chem Co, 220 E 42 St, N Y 17
*Gamma Chem Corp, Great Meadows, N J

8-HYDROXYQUINOLINE CITRATE see Oxyquinoline Citrate

HYDROXYQUINOLINE SULFATE

*Bios Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
William M Stieh & Co, 20 Vesey St, N Y 7

a-HYDROXYTOLUENE see Alcohol, Benzyl

m-HYDROXY TOLUENE see m-Cresol

HYPO see Sodium Hyposulfite

ICE STONE see Cryolite, Natural

ICHTHAMMOL

● Pkg—25 lb. jars, 50 lb. cans, 50, 500 lb. drums, 500 lb. bbls.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N NY
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*F H Taussig, 175 W 76 St, N Y 23

ICHTHYOCOLLA see Isinglass

ILMENITE (Menaccanite Titanic Iron Ore)

FeO. TiO_2. Brownish-black. Sp. gr. 4.44-4.90. Hardness 5-6. Uses—puddling-furnace linings, titanium paints and enamels, ferrotitanium.

*J M Baird & Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
Shieldalloy Corp Div, 100 Park Ave, N Y 15
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

IMIDAZOLE

$C_3H_4N_2$. White prismatic needles. Sol. water, alcohols, benzene. Uses—in medicine; reagent in testing blood constituents.

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
George J Wiesner Co, 150 Nassau St, N Y 38

2-IMIDAZOLIDINETHIONE see Ethylene Thiourea

B-IMINOAZOLYL-4-ETHYLAMINE see Histamine

IMPERIAL GREEN see Copper Acetoarsenite

IMPREGNATING SOLUTIONS

Special types of thermosetting resins dissolved in suitable solvents used for impregnating paper and fabric laminated sheets, motor armatures, electrical coils, wood, composition; also for bonding resistance units, etc.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*General Elec Co, Chem Div, Pittsfield, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

INDIAN BALSAM see Balsam, Peruvian

INDIAN RED see Iron Oxide, Red

INDIAN SAFFRON see Turmeric

INDICATORS, ANALYTICAL

Solutions of dyes, which change color denoting passage from acidity to alkalinity or the reverse; substances which show the beginning or end of a chemical reaction; substances which indicate by color the pH of a solution.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

INDIGO

Coloring medium derived chiefly from Indigofera Tinctoria. Habitat—India, Java, Guatemala. Dark blue, odorless, tasteless pieces or powd. Sol. concentrated sulfuric acid. Now largely produced synthetically. Uses—in printing and dyeing.

● Pkg—Custom Packed

*Dow Chem Co, Midland, Mich
Sterone Corp, 250 W 57 St, N Y 19

INDIUM, METAL

In. M.W. 114.8. A ductile trivalent metal of the aluminum sub-group with atomic number 49. It occurs in silver-gray crystalline masses, density 7.31. M.P. 155°C. It oxidizes readily above its M.P., burning with a brilliant violet flame at higher temps.

● Pkg—Custom Packed

Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y
*National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

INDIUM OXIDE

In_2O_3. M.W. 277.52. Pale yellow salt. Uses—prep. of indium plating solution.

Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

INDIUM SULFATE

$In_2(SO_4)_3.9H_2O$. M.W. 679.84. White crystalline salt. Uses—prep. of indium plating solution.

● Pkg—12x30 oz. bottles/case.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Variacoid Chem Co, 116 Broad St, N Y 4

INDOLE (Ketol, Benzopyrrol, Benzazol)

CH:CHC_6H_4NH. M.W. 117.06. Colorless to yellowish scales, intense fecal oder. M.P. 52°C. B.P. 254°C. Sol. alcohol, ether, hot water. Uses—mfr. synth. jasmine and neroli oils; as reagent in chemical processes; in medicine. Grades—C.P.; tech.

● Pkg—Custom Packed

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Tombarel Products Corp, 12 E 22 St, N Y 10

INDOLONE

*United States Industrial Chem Co Div, 120 Broadway, N Y 5

INFUSORIAL EARTH see Diatomaceous Earth

INHIBITORS, CORROSION

Variety of products used principally in the art of pickling iron and steel in various forms; to remove scale. Addition agents in acid solutions to control or prevent solution of metals. Some advantages of use of inhibitors are:—economy of acid and steel; reduction in the embrittlement effects of diffused hydrogen in the steel itself; in certain cases a large reduction in the fume or spray from the pickling tanks; reduction in maintenance costs.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Chem Paint Co, Ambler, Pa
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*J M Baird & Co, 254 W 31 St, N Y 1
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Consolidated Chem Industries, 640 Meille Esperson Bldg, Houston, Tex
*Damon Chem Co, Box 774, Alliance, Ohio
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Feedwaters Inc, 140 Cedar St, N Y 6
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Klem Chem, 14401 Lanson, Dearborn, Mich
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*M Michel & Co, 90 Broad St, N Y 4
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nielco Labs, P O Box 4703, Detroit 19, Mich
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Petron Corp, 7740 W 47 St, Lyons, Ill
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Sharples Chem, 123 S Broad St, Phila 9, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
R T Vanderbilt Co, 230 Park Ave, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

INHIBITORS, FOAM

Products which are added in mfr. operations to prevent the formation of foam, as for example in the paper field where foam results in "pin heads" in the finished paper.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Chem Paint Co, Ambler, Pa
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Dow Corning Corp, Midland, Mich
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Feedwaters Inc, 140 Cedar St, N Y 6
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Superior Materials, 120 Liberty St, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J

INHIBITORS, GASOLINE

Complex compounds added to gasoline to prevent the formation of gum.

*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
*E I du Pont de Nemours & Co, Petroleum Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*National Aniline Div, 40 Rector St, N Y 6
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

INHIBITORS, POLYMERIZATION

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Eastman Chem Products, Kingsport, Tenn
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Harsyd Chem, 397 W 21 St, Holland, Mich
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

INKS, BAG

Inks used on jute or cotton bags which are to contain such commodities as lime, salt, fertilizer, flour, acid powders, fertilizer materials, etc.; must be highly resistant to alkalies and acids.

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Geigy Co, 89-91 Barclay St, N Y 8
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17

INKS, BLOCK PRINTING

Uses—in making wood cuts, as in art work, for linoleum printing.

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Fred'k H Levey Co, 41 E 42 St, N Y 17

INKS, CARTON

Specialized inks which must have a high degree of light fastness, resistance to paste, water glass (silicate of soda) and other adhesives, soap powd. soaps, etc. They should have a fair degree, at least, of resistance to acids and alkalies.

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Geigy Co, 89-91 Barclay St, N Y 8
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo

INKS, CELLULOSE MARKING

Specialized inks used for printing on cellophane, pyroxylin coatings, etc.

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Howe & French, 99 Broad St, Boston, Mass

INKS, DRAWING

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa

INKS, DUPLICATOR

Compounds formulated with basic dyes dissolved in a mixture of water, acid, alcohol and glycerol, etc. Uses—to make several copies of a master script.

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Southern Textile Chem Corp, Clearwater, S C

INKS, GLASS ETCHING

Special preps., usually supplied in two separate bottles, portions from each are mixed just before use and in the chemical reaction hydrofluoric acid is formed which is the active etching agent.

*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y

INKS, HOT WAX

Process inks used to print bottle caps for milk and cream and also drinking cups. Should have good light fastness and possess good resistance to hot paraffin, and moisture as well as to the chemical action of milk and cream.

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Triangle Ink & Color Co, 329 E 29 St, N Y 16

INKS, INDELIBLE

Specially formulated inks, many of them patented which cannot be erased out mechanically nor dissolved out from the paper and find their principal use in the writing of checks and other important documents to prevent changes, etc. Many countries, several states have specifications for the formulation of indelible or permanent inks.

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa

INKS, MARKING

Natural or chemically prepared products, usually containing silver nitrate, which is reduced on the fibre to a black deposit; used as laundry marks, etc.

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa

INKS, METAL STAMPING

*American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa

INKS, METALLIC

*Baer Bros, 438 W 37 St, N Y 18
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 1000 Widener Bldg, Phila 7, Pa
*Triangle Ink & Color Co, 329 E 29 St, N Y 16

INKS, PARCHMENT

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Fred'k H Levey Co, 41 E 42 St, N Y 17

INKS, POSTER AND SIGN

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17

INKS, PRINTING AND LITHOGRAPHING

1. Newsprint inks which dry by absorption; 2. Book inks which dry by oxidation for use on sized papers; 3. Lithographic inks, which consist chiefly of bodied linseed oil and pigment or dye. Newsprint inks consist of rosin dissolved in mineral oil. Book inks usually contain rosin and other varnish gums, but very high grade inks of this type usually consist only of bodied linseed oil and special driers.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Senefelder Co, 32-4 Greene St, N Y 13
*White Cross Labs, 79 Wall St, N Y

INKS, ROTOGRAVURE

Inks specially formulated for use in the rotogravure method of printing. They should have light fastness, cleanliness of tone, and be alkali proof, etc.

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*Gotham Ink & Color Co, 5-19 47 Ave, L I C 1, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo

INKS, SILK SCREEN

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Howe & French, 99 Broad St, Boston, Mass

INKS, SOAP WRAPPER

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, 420 Carroll St, Bklyn 15, N Y
*Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
*J M Huber Corp, 100 Park Ave, N Y 17
*Fred'k H Levey Co, 41 E 42 St, N Y 17

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SINCLAIR

Odorless Base Oil

for

Insecticides

•

Solvents

•

Petroleum Sulfonates

•

Sulfur

SINCLAIR CHEMICALS, INC.

6 East 45th St., New York 17, N. Y.

INOSITOL AND CHOLINE SALTS

for

Geriatric Products

SPECIAL CHEMICALS DIVISION

Winthrop-Stearns INC.

1450 BROADWAY, NEW YORK 18, N. Y.

INKS, STAMPING

•American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
•Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
•John P Carlson, 420 Carroll St, Bklyn 15, N Y
•Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
•Flash Chem Co, 160 2 St, Cambridge, Mass
•Gaetjens, Berger & Wirth, 35 York St, Bklyn 1, N Y
•Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa

INKS, STENCIL

•American Writing Ink Co, 15 Hathaway St, Boston 10, Mass
•Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
•Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
•John P Carlson, 420 Carroll St, Bklyn 15, N Y
•H Kohnstamm & Co, 89-93 Park Pl, N Y 7
•Fred'k H Levey Co, 41 E 42 St, N Y 17

INKS, TYPEWRITER RIBBON

•Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
•H Kohnstamm & Co, 89-93 Park Pl, N Y 7

INOSITOL (Hexahydroxybenzene, 1,2,3,4,5, 6-Cyclohexanehexol)

$C_6H_{12}O_6.2H_2O$. M.W. 216.2. A cyclic hexahydric alcohol found in the seeds of plants and in animal flesh in the form of its phosphoric acid ester. Optically inactive. White cryst. M.P. 200°C. (decomp). Sol. water; insol. alcohol, ether. It is part of the Vitamin B complex.

● Pkg—Bottles, 5, 10, 25, 50 lb. drums.

•American Maize Products Co, 100 E 42 St, N Y
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
•Corn Products Sales Co, 17 Battery Pl, N Y 4
Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
A E Staley Mfg Co, Box 151, Decatur 60, Ill
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

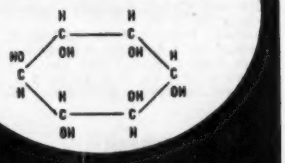
INSECTICIDE BASES

An insecticide is defined in the Insecticide Act of 1910 as "any substance or mixture of substances intended to be used for preventing, destroying, repelling or mitigating any insects which may infest vegetation, man or other animals or households or be present in any environment whatsoever." A few materials, such as sulfur dust, have both insecticidal and fungicidal value. Among the more common insecticides and fungicides are the arsenicals (Lead Arsenate, Calcium Arsenate, Paris Green, White Arsenic, Sodium Arsenite Solution); sulfur compounds (Calcium Monosulfide, Lime Sulfur, Sulfur Dust); oils and organic compounds (Kerosene, Creosote Oil, Mineral Oil Emulsions, Petroleum Oil, Naphthalene, Paradichlorbenzene); Pyrethrum, Nicotine Sulfate, Derris, Cube. More important fungicides are Copper Sulfate, Zinc Chloride, Sodium Fluoride. Other products employed in the insecticide and fungicide fields include: Zinc Arsenite, Magnesium Arsenite, Magnesium Arsenate, Arsenical Cattle Dip, Copper Carbonate, Cryolite, Ethyl Mercuric Chloride, Pine-Tar Oil, Coal Tar Distillates, Acid Hydrocyanic, Carbon Disulfide, Ethylene Dichloride, Ethylene, Oxide, Calcium Cyanide, Sulfur Dioxide, Fluosilicates, etc.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
•American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
•Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
C P Chem Solvents, 60 Park Pl, Newark 2, N J
•Godfrey L Cabot, 77 Franklin St, Boston 10, Mass
•California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
•Cole Labs, 42-25 9 St, L I C 1, N Y
•Commercial Solvents Corp, 260 Madison Ave, N Y 16
•Crowley Tar Products Corp, 271 Madison Ave, N Y 16
•Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
•E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
•Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
•Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
•Hercules Powder Co, 978 Market St, Wilmington 99, Del
•International Selling Corp, 122 E 42 St, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
•Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
•Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
•Pennsylvania Refining Co, B S & T Bldg, Butler, Pa

ARGO

Inositol



MOLECULAR WT. 180

5 POUND JARS

50 and 100 POUND DRUMS

Obtainable from Chemical Division

CORN PRODUCTS REFINING CO.

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Peerless

DDT Solvents

Insecticide Bases

Odorless Kerosene

Petroleum Solvents

Benzol—Toluol—Xylol

New York New England and Export

Drumming Packaging

Liquid Storage and Transport

Peerless Oil & Chemical Corp.

Long Island City, 1, N. Y.

Tel. STillwell 4-8960

"A Carey Bros. Industry"

•Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ATTACLAY

A highly efficient carrier, diluent, extender, and conditioner used in the manufacture of insecticide concentrates, finished dusts, fungicides, wettable powders, rodenticides, herbicides, plant hormone dusts, seed disinfectants and fertilizers.

Produced from the mineral "Attapulgite," an aluminum magnesium silicate, noted for its consistent and compatible composition, large adsorptive capacity, free-flowing characteristics, and low bulk density. Specially processed to insure physical uniformity.

ATTAPULGUS Minerals & Chemicals Corporation

210 West Washington Square, Philadelphia 5, Pa.

Cable Address: "ATTACLAYCO"

Pioneer *offers—*

A Complete Line of

Insecticide Technical Materials

and

Concentrates

ALSO

Other agricultural and industrial chemicals

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FREMONT 8839

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Polak & Schwarz, 667 Washington St, N Y 14
*John Powell & Co, 1 Park Ave, N Y 16
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
G S Robins & Co, 126 Chouteau Ave, St Louis, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Wyandotte Chem Corp, Wyandotte, Mich

INSECTICIDE CARRIERS, DILUENTS

*American Agricultural Chem Co, 50 Church St, N Y 7
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Cohutta Talc Co, P O Drawer 363, Dalton, Ga
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Floridin Co, 220 Liberty St, Warren, Pa
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
*Johns-Manville, 22 E 40 St, N Y 16
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
L A Salomon & Bro, 216 Pearl St, N Y 38
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*R T Vanderbilt Co, 230 Park Ave, N Y
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

INSECTICIDE CONCENTRATES, SYNTHETIC

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Dow Chem Co, Midland, Mich

WYANDOTTE CHEMICALS

AGRICULTURAL INSECTICIDES

Dichlorodiphenyltrichloroethane (DDT)

Benzene Hexachloride (BHC)

DDT—for formulation into aerosols, solutions, emulsions, dusts, or wettable powders for the control of insects affecting public health, agriculture and industry.

BHC—effective in the control of a number of agricultural insects such as aphids, cotton insects, and soil insects. Widely used in the control of migratory locusts and as an insecticide for the control of insects affecting man and animals.

Samples and data available on request.

Wyandotte

WYANDOTTE CHEMICALS CORPORATION

WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives
DDT • BHC Other Organic and Inorganic Chemicals

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

HERCULES

INSECTICIDE TOXICANTS

Toxaphene and Thanite* — toxicants for household, agricultural, and industrial sprays, and dusts.

* Reg. U S Pat. Off.

HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

COTTON DUSTS

ALL FORMULATIONS

SULPHURS
DDT • BHC
2,4-D • 2,4,5-T
LINDANE • ALDRIN
TOXAPHENE • CHLORDANE
PARATHION • ALLETHRIN
PHENOTHIAZINE
WEED KILLERS

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MANUFACTURERS • IMPORTERS • EXPORTERS
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THERE'S AN
Eston Insecticide
for every farm need...

ESTON CHEMICALS

Sales representatives in all major agricultural areas.

ALKRON® parathion formulations
ARATRON† new miticide containing aramite
BROMOFUME® soil fumigants
ESTOMITE® miticide-ovicide
ESTONATE® 50% DDT liquids and powders
ESTONOX† toxophene formulations
MALAPHOS† malathon formulations
METHYL BROMIDE space fumigant
TETRON® TEPP formulations
TUMBLEAF† cotton defoliants
TUMBLE-WEED† non-selective herbicides

†Trade Mark A.P.&C.C.

For complete field technical service write or wire:
ESTON CHEMICALS DIVISION
American Potash & Chemical Corporation
3100 EAST 26TH STREET, LOS ANGELES 23, CALIFORNIA

INSECTICIDE CONCENTRATES, SYNTHETIC, continued

*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*Frontier Chem Co, 321 W Douglas, Wichita, Kan
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Kingston Chem Co, 15 William St, N Y 5
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sennewald Drug Co, 2723 Chouteau Ave, St Louis 3, Mo
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Wyandotte Chem Corp, Wyandotte, Mich

INSECTICIDES, COTTON DUSTING

*J M Baird Co, 254 W 31 St, N Y 1

INSECTICIDES, FARM

Chemicals and mixtures compounded particularly for the control of chewing and sucking insects infesting farm crops.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
American Quinine Co, 15 William St, N Y 5
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*J M Baird & Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Sprav-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton N J
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
Duff Chem Co, 342 Madison Ave, N Y 17
*E I du Pont de Nemours & Co, Grasselli Chem Dept Wilmington 98, Del
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Faesy & Besthoff, 325 Spring St, N Y 13
*Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Kalo Co, Agkem Div, 506 Maine St, Quincy, Ill
*Kingston Chem Co, 15 William St, N Y 5
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*S D Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Spick Products Co, Athens, N Y
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Virginia Smelting Co, W Norfolk, Va
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
*White Cross Labs, 79 Wall St, N Y

INSECTICIDES, GARDEN

Chemicals and mixtures compounded particularly for the control of insects infesting flowering plants and shrubs.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal.
*American Agricultural Chem Co, 50 Church St, N Y 7
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
American Quinine Co, 15 William St, N Y 5
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Faesy & Besthoff, 325 Spring St, N Y 13
*Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Kalo Co, Agkem Div, 506 Maine St, Quincy, Ill
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*William M Stieh & Co, 20 Vesey St, N Y 7
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill

INSECTICIDES, HOUSEHOLD

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal.
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*An-Fo Mfg Co, 3129 Elmwood Ave, Oakland 1, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
J M Baird Co, 254 W 31 St, N Y 1
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Beechem Labs, 1102 W State St, St Johns, Mich
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y

AGRICULTURAL CHEMICALS

INSECTICIDES • FUNGICIDES

and Basic Toxicants

TDE (DDD)
Technical, Flake
Dust Base (50% TDE)

DDT
Technical, Flake or Granular
Dust Base, 50% & 75%

BHC
Technical (15%, 36% & 90% Gamma)
Dust Base, 12% Gamma

LINDANE
Technical
Dust Base, 25%, 75%, 95%
Emulsifiable Concentrate, 20%
Oil Concentrate, 20%

ORGANIC MITICIDES
Genite* 883 (p-chlorophenyl p-chorobenzene sufonate) Technical
Genite 923 (2,4-Dichlorophenyl Ester Benzene Sulfonic Acid) Technical
"Aramite" Technical

LEAD ARSENATE
Standard
Astringent
Basic

CALCIUM ARSENATE
Standard
Low Lime

PARATHION
Dust Base, Emulsifiable 2 & 4 lbs. per gallon

FERBAM
Dust Base (76% Ferric Dimethyl-Dithiocarbamate)

ZIRAM
Dust Base (76% Zinc Dimethyl-Dithiocarbamate)

WEED KILLERS:
2,4-D
Acid, and Technical Esters
2,4,5-T
Acid, and Technical Esters

TCA Sodium Salt
90% Dry Powder
50% Liquid Concentrate

Potassium Cyanate
Technical
Cotton Defoliant
Weed Killer

* Reg. U.S. Pat. Off.

ORCHARD BRAND SPRAYS & DUSTS

See Offices in Directory Section

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GC Allied Chemical



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LONDON PARIS

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

U.S.I. INSECTICIDE AND INSECTIFUGE MATERIAL

Insecticide Materials

Allethrin
CPR Concentrates
Piperonyl Butoxide
Piperonyl Cyclonene
*Pyrenone Concentrates
Pyrethrum Products
Rotenone Products

Insectifuge Materials

*Indalone
Triple-Mix Repellents

*Registered U. S. Pat. Off.
See U.S.I. Catalog, pp. 85-92

U. S. INDUSTRIAL CHEMICALS CO.
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ALLETHRIN — 2,4-D & 2,4,5-T
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INSECTICIDES, HOUSEHOLD, continued

*Cole Labs, 42-25 9 St, L I C 1, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*General Chem Div, 40 Rector St, N Y 6
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kalo Co, Agkem Div, 506 Maine St, Quincy, Ill
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*Spick Products Co, Athens, N Y
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Trio Chem Works, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill

GE silicone INSULATING RESINS

G-E silicone insulating resins provide a new class of electrical insulation. This Class H insulation permits continuous operation of electrical equipment at a hot-spot temperature of 180 C—that is, 75 C above the operating range offered by conventional insulating materials.

Applications: Treating glass and asbestos fabrics for cell wrappers, slot liners, phase, core and end insulation; bonding and impregnating motors, generators and transformers. G-E silicone insulation is indicated wherever these conditions are encountered:

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- High ambient temperatures
- Alternating high-low temperatures
- High overloads (withstands 200-250 C for short periods)
- Excessive moisture
- Where "down time" is critical
- Where smaller and lighter units are required

For more information, write to General Electric Company, Section 355-3H, Waterford, New York.

GENERAL ELECTRIC

INSECTICIDES, ORCHARD

Chemicals and mixtures compounded particularly for the control of insects infesting fruit trees.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Benzol Distributors, Georges Rd at P R R, Dayton, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Dayton Fertilizer Corp, Georges Rd at P R R, Dayton, N J
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
Faesy & Besthoff, 325 Spring St, N Y 13
Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
*General Chem Div, 40 Rector St, N Y 6
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*William M Stieh & Co, 20 Vesey St, N Y 7
*Swift & Co, Plant Food Dept, Union Stock Yards, Chicago 9, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

INSULATING COMPOUNDS, ELECTRICAL

Products which possess the characteristic of not passing electrical current (or very little) when subjected to voltage stress. More commonly used are rubber, synthetic plastics, various forms of porcelain, etc.

*Bakelite Co, 30 E 42 St, N Y 17
*Dow Corning Corp, Midland, Mich
*Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*General Elec, Chem Div, Pittsfield, Mass
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*HI-Test Chem Corp, 722 64 St, Bklyn 20, N Y
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*United Chromium, 100 E 42 St, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

INSULATION MATERIALS

Four mineral products—asbestos, magnesium carbonate, diatomaceous earth and rock or mineral wool and also waste products of vegetable origin are among the principal raw materials out of which insulation materials are produced. Insulation is commonly supplied in the form of sectional pipe covering; insulating sheets, blocks, bricks, and blankets; insulating cements, fillers, and finishes; insulating papers and felts; as well as lightweight aggregate used with Portland cement for making insulating concrete. See also Fillers, Insulating.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Armstrong Cork Co, Lancaster, Pa
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Dow Corning Corp, Midland, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Elec, Chem Div, Pittsfield, Mass
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Insul-Mastic Corp of America, Oliver Bldg, Pittsburgh, Pa
*Johns-Manville, 22 E 40 St, N Y 16
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Reynolds Metals Co, 2000 S 9 St, Louisville 1, Ky
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
*H I Thompson Co, 1733 Cordova St, Los Angeles 7, Cal
Whittaker, Clark & Daniels, 260 Broadway, N Y 13

INSULIN

Bios Labs, 17 W 60 St, N Y 23
Clifford Chem Div, 170 Broadway, N Y 38
Legion Chem, 70 Wall St, N Y 5
Nepera International Corp, 37 Wall St, N Y 5
Stanalchem, Inc, 350 Madison Ave, N Y 17
Tuteur Bio-Chem, 52 Wall St, N Y 5
White Cross Labs, 70 Wall St ,N Y

INTERMEDIATES

Employed in organic synthesis in the production of dyes, pharmaceuticals. They are produced from the "crudes" or raw materials derived usually from the "coking" processes.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bios Labs 17 W 60 St, N Y 23
*F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa

2, 4-D WEEDKILLERS

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Isopropyl Ester
Amine Salts
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Chlordane
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F.L. BODMAN CO.

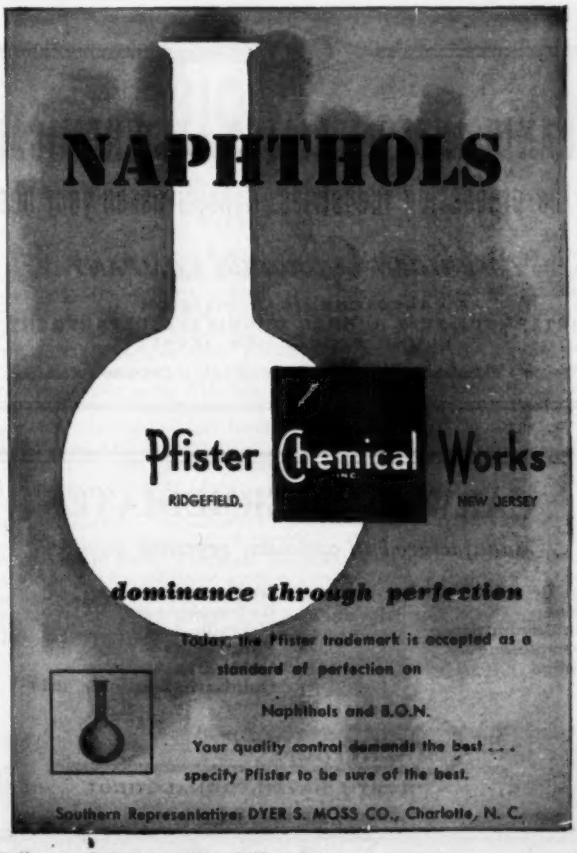
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- INTERMEDIATES
- ALLIED PRODUCTS

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manufacturers of pharmaceutical and industrial intermediates

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TRUBEK LABORATORIES, Inc.
INTERMEDIATE DIVISION
East Rutherford, N. J.



*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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intermediates

RESORCINOL for tire cord adhesives, resins, dyestuffs, pharmaceuticals

BETA-OXYNAPHTHOIC ACID for dyestuffs

ANISOYL CHLORIDE for dyestuffs, pharmaceuticals

BENZIL as antioxidant; for insect repellents

BENZILIC ACID for pharmaceuticals

BENZOIN for pharmaceuticals

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Acetanilide, Technical
Beta Naphthol
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Mono Sulphonic Acid F.
Para Cresol, 98%
Para Phenylene Diamine
Paranitraniline
Para Toluene Sulfonic Acid
Para Toluidine Meta Sulfonic Acid
Tobias Acid

These and other intermediates for use in the Dye, Dry Color, Pharmaceutical industries.

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Quinizarin-2-sulfonic acid

THE CARWIN COMPANY
NORTH HAVEN, CONNECTICUT
Phone: Atwater 8-1671

INTERMEDIATES, continued

*Calco Chem Div, Bound Brook, N J

*Carwin Co, Stiles Lane, N Haven, Conn

Chemical Service Corp, 82 Beaver St, N Y 5

*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa

•Dow Chem Co, Midland, Mich

*E I du Pont de Nemours & Co, Kinetic Chem Div, Wilmington 98, Del

•Emulsol Corp; 59 E Madison St, Chicago 3, Ill

*Fallek Products Co, 163 Broadway, N Y 6

Filo Color & Chem Corp, 202 E 44 St, N Y 17

•Gane & Ingram, 43 W 16 St, N Y 11

*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14

*Hercules Powder Co, 978 Market St, Wilmington 99, Del

•Heyden Chem Corp, 342 Madison Ave, N Y 17

•Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

•Kay-Fries Chem, 180 Madison Ave, N Y 16

Edward Mendell Co, 24 W 45 St, N Y 19

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

Mutchler Chem Co, 258-259 Broadway, N Y

*National Aniline Div, 40 Rector St, N Y 6

•Nopco Chem Co, Logan & Davis Sts, Harrison, N J

•Pfister Chem Works, Ridgefield, N J

•Rohm & Haas Co, 712 Locust St, Phila 5, Pa

•Schering Corp, 2 Broad St, Bloomfield, N J

*Sharples Chem, 123 S Broad St, Phila 9, Pa

•Shell Chem Corp, 50 W 50 St, N Y 20

•Sherwin-Williams Co, 100 Park Ave, N Y 17

INTERMEDIATES

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Allyl Chloride
Benzene
Cyclohexane
Diallyl Phthalate
Di-tertiary-butyl Peroxide
Epichlorohydrin
Epon® Resins
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New BIOS Chemicals

INTERMEDIATES

3-Acetylpyridine; Adiponitrile; Allyl Starch; Aminoacetal; Anisoin; Arachidic Acid; Atropic Acid; Behenic Acid; 2-Benzoylthiophene; Boron Phosphate; Bromoacetal; p-Bromobenzyl Chloride; Butadiene Sulfone; n-Butylthiourea; Carbobenzoxychloride; Cerotic Acid; Ceryl Alcohol; 4-Chloroacetylcatechol; β-Chlorolactic Acid; 1-Chloro-2-naphthol; Crotonic Anhydride; Crotononitrile; 3-Cyanopyridine; Cyanuric Acid; 1,3-Dihydroxypropane; 9,10-Dihydroxystearic Acid; Dihydroxytartaric Acid; Dimethylacrylic Acid; p,p'-Diphenylmethane Diisocyanate; Erucic Acid; Ethylene Carbonate; Ethyl Isocyanate; Ethylpyridinium Chloride; Hexaiodoacetone; 2-Hydroxypyridine; 3-Hydroxypyridine; Iron Carbonyl; Isethionic Acid; Isocytosine; Isodurene; β-Isopropoxypropionitrile; Lignoceric Acid; Maleonitrile; Margaric Acid; Melissic Acid; Melittic Acid; Mesoxalic Acid; Methyl Glutarate; α-Methylindole; β-Methylindole; Methyl Lactate; Muconic Acid; Nickel Carbonyl; m-Nitroacetophenone; 6-Nitrobenzimidazole; Nitrourea; Octadecyl Isothiocyanate; Orotic Acid; Perylene; Phenazine; Phenoxazine; Phenyldiiodoarsine; Phytol; Pyrimidine and Derivatives; Pyrroline (Dihydropyrrole); Quinic Acid; Salicyloyl Chloride; Sodamide; Suberic Acid; Tantalum Chloride; Tartronic Acid; Telluric Acid; Terephthaldehyde; Terephthalic Acid; o-Terphenyl; m-Terphenyl; p-Terphenyl; Tetrabutylurea; Tetranitromethane; Thiazole; Thionaphthen; Thiophenesulfone Dibromide; Tiglic Acid; 9,10,16-Trihydroxypalmitic Acid; Triphenyl Borate; p-Xylylene Bromide;

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Plaza 7-8171

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For complete list of company products: See Catalog Section

U.S.I. INTERMEDIATES

- Acetoacetanilide
- Acetoacet-ortho-choroanilide
- Acetoacet-ortho-toluidide
- Ethyl Acetoacetate
- Ethyl Benzoylacetate
- Ethyl Sodium Oxalacetate
- Other Acetoacetarylides

See U.S.I. Catalog, pp. 85-92

U.S. INDUSTRIAL CHEMICALS CO.
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INTERMEDIATES
ANTIBIOTICS
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HORMONES
SULPHA DRUGS
VITAMINS

INTERMEDIATES, continued

*Solvay Process Div, 61 Broadway, N Y 6
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wilson Organic Chem, Crossman Rd & Main St, Sayreville, N J
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18
*Wyandotte Chem Corp, Wyandotte, Mich

INULIN (Dahlin, Alantin, Alant Starch)

$(C_6H_{10}O_5)_n$ is assumed to be three. M.W. approx. 500. White, starch like powder, hygroscopic in moist air. Sol. hot water; sl. sol. cold water. Uses—in medicine for renal function test, bread for diabetics.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
Esor Chem Co, 205 E 42 St, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Varniton Co, 416 N Varney St, Burbank, Cal

INVERTASE (Invertin, Zymase)

Enzyme from yeast. Hydrolyzes surose into dextrose and levulose. Whitish powder. Sol. in water. Uses—fermentation industries; production of alcohol from sugar.

Rosenthal Bercow Co, 25 E 26 St, N Y
*Wallerstein Co, 180 Madison Ave, N Y 16

IODIDES

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

IODINE (Iodum)

I_2. Purplish-black crystalline scales. Sp. gr. 4.98. M.P. 114.2°C. B.P. 184°C. Sol. alcohol, carbon bisulfide, chloroform, ether, glycerine, alkaline iodide solution; slightly sol. water. Uses—mfr. iodides, iodates, phthalein dyes, Rose Bengal, aniline green, erythrosin, eosin, cyanin, tincture of iodine, leather, photographic iodides, special soaps; as catalytic agent in making dyestuffs, intermediates, organic chemicals, pharmaceuticals, dimethylaniline, iodoform; laboratory reagent; germicide and antiseptic; in lithography; paper testing; staining fibers; process engraving; in medicine. Grades—U.S.P.; C.P.; crude; sublimed.

●Pkg—Jars, 150/175 200 lb. kegs.

Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chilean Nitrate Sales Corp, 120 Broadway, N Y 5
*Dow Chem Co, Midland, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt, Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

IODINE MONOCHLORIDE

ICl. M.W. 162.38. Reddish-brown, oily liq. Sp. gr. 3.1822. M.P. 27.2°C. B.P. 97.4°C. Decomposes on further heating. Sol. alcohol, dilute hydrochloric acid. Uses—mfr. intermediates, organic chemicals, synthetic dyes, drugs and perfumes; as laboratory reagent. Grades—tech.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

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p-NITROPHENOL
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p-AMINOPHENOL
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o-CHLORANILINE
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26 VERONA AVE., NEWARK, N. J.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

IODINE TRICHLORIDE

ICl_3. M.W. 233.3. A yellow deliquescent cryst. powder, decomp. 25. Sol. water, alcohol. Used as an antiseptic and disinfectant.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

IODISTOL see Thymol Iodide

IODOBENZENE (Phenyl Iodide)

C_6H_5I. M.W. 204.0. A colorless liquid, rapidly becomes yellow. M.P. 28°C. B.P. 188°C. Insol. water; sol. alcohol, ether.
● Pkg—Custom Packed

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

IODOBUTANE see n-Butyl Iodide

IODOFORM (Triiodomethane, Formyl Triiodide)

CHI_3. M.W. 393.77. Yellow lustrous scales or more or less cryst. powder. Disagre. odor. Sol. alcohol, chloroform, ether. Sltl. sol. water. M.P. 119°C. Uses—disinfectant medicine.
● Pkg—25 lb. drums, 100 lb. kegs.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Scroenewaldt-Turner Co, 20 Vesey St, N Y 7

I-IODOHEXANE see n-Hexyl Iodide

IODOHYDROMOL see Thymol Iodide

IODOMETHANE see Methyl Iodide

IODOPENTANE see n-Amyl Iodide

IODOSOL see Thymol Iodide

IODUM see Iodine

IONONE

$C_{13}H_{20}O$. M.W. 192.33. Colorless liquid. Violet odor. Uses—perfumery.
● Pkg—Custom Packed

*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Van Ameringen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

IOSOL see Thymol Iodide

IOTHYMOL see Thymol Iodide

IPECAC ROOT (Ipecacuanha, Cephaelis)

Dried root of Cephaelis Ipecacuanha. Habitat—Brazil, Bolivia. Uses—mfr. sweetmeats; as tanning agent; in medicine. Grades—U.S.P.; Rio (Cephaelis Ipecacuanha); U.S.P. Carthagnea (Cephaelis Acuminata); American (porteranthus Trifoliatus).

Dalton-Cooper, 200 W 34 St, N Y 1
McKesson & Robbins, 155 E 44 St, N Y
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

IPECACUANHA see Ipecac Root

IRIDIUM, METAL

Ir. White, hard, brittle, lustrous metal. Sp. gr. 22.42. M.P. 2440°C. Sol. aqua regia. Uses—in alloying metals.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

IRON AMMONIUM CITRATE (Ferric Ammonium Citrate, Ammonioferric Citrate)

$(NH_4)(Fe)(C_6H_4O_7)_2$. Reddish-brown, deliq., crystalline scales. Sol. water. Uses—as tonic; in medicine; mfr. blue-print paper. Grades—U.S.P.; brown scales; green scales.
● Pkg—25, 50, 125, 175, 200, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 200
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Hooper Chemical Corp, P O Box 313, Rutherford, N J
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
George Uhe Co, 76 9 Ave, N Y 11

IRON AMMONIUM OXALATE (Ferric Ammonium Oxalate, Ammonioferric Oxalate)

$(NH_4)_3Fe(C_2O_4)_3.3H_2O$. Green cryst. Sp. gr. 1.7785 (17.5°C.). Loses water at 100°C. Sol. water. Uses—mfr. blueprint paper. Grades—tech.; C.P.
● Pkg—25, 100, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merck & Co, Rahway, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

IRON AMMONIUM SULFATE (Ferric Ammonium Sulfate, Ferric Ammonium Alum, Ammonioferric Sulfate)—see also Ferrous Ammonium Sulfate

$(NH_4)Fe(SO_4)_2 12H_2O$. Lilac to violet, efflorescent cryst. Sp. gr. 1.712. Loses water on heating. Sol. water. Uses—as mordant in dyeing and printing textiles; laboratory reagent; for metallurgical purposes; in medicine. Grades—tech.; C.P.; U.S.P.
● Pkg—125 lb. kegs, 250 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Hooper Chemical Corp, P O Box 313, Rutherford, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

IRON AMMONIUM SULFATE see Ferrous Ammonium Sulfate

IRON BLUE

● Pkg—Custom packed.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, American Cyanamid Co, Bound Brook, N J
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

IRON CARBONATE, PRECIPITATED see Iron Oxide, Brown

IRON CHLORIDE see Ferric and Ferrous Chloride

IRON CITRATE see Ferric Citrate

IRON DICHLORIDE see Ferrous Chloride

IRON ETHIOPS see Iron Oxide

IRON FLUORIDE see Ferric Fluoride

IRON FORMATE

$Fe(CHO_2)_3$. M.W. 190.89. Red crystals. Sol. water; slightly sol. alcohol. Uses—reagent.
● Pkg—1, 5 lb. bottles.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

IRON GLUCONATE see Ferrous Gluconate

MALLINCKRODT IODIDES

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- SODIUM IODIDE
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- IODINE RESUBLIMED
- IODOFORM
- ACID HYDRIODIC

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RED, YELLOW,

BROWN & BLACK

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IRON GLYCEROPHOSPHATE

$Fe_2[C_3H_5(OH)_2PO_4]_3$. M.W. 621.96. A yellow powder. Soluble in H_2O, insoluble alcohol. Official in N.F. VI. Uses—pharmaceutical.

● Pkg—5 lb. cartons, 25 lb. boxes, 25, 100 lb. drums, 200 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*Conray Products Co, 510 Ave of the Americas, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

IRON HYDRATE see Ferric Hydroxide

IRON HYDROXIDE see Ferric Hydroxide

IRON HYPOPHOSPHITE see Ferric Hypophosphite

IRON MONOSULFIDE see Ferrous Sulfide

IRON NAPHTHENATE

M.W. about 520. 10% metal. Dark brown solid. Sol. hydrocarbons. Uses—paint dryer; curing core oils.

● Pkg—55 gal. drums.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

IRON NITRATE see Ferric Nitrate

IRON OLEATE see Ferric Oleate

IRON OXALATE see Ferric Oxalate

IRON OXIDE (Ferrosoferric Oxide, Magnetic Iron Oxide, Black Rouge, Iron Ethiops)

$Fe_3O_4.H_2O$. Reddish-black amorp. powd. Sp. gr. 5.16. M.P. 3538°C. Sol. acids. Uses—mfr. ceramic enamels, polishing and match lead compositions; as paint, varnish, linoleum, oilcloth pigment; in coloring glass, paper and textiles; in metallurgy. Grades—tech.

● Pkg—50, 100 lb. bags, bbls.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Hummel Chem Co, 90 West St, N Y 6
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mapico Color Div, 380 Madison Ave, N Y 17
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Shieldalloy Corp Div, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

IRON OXIDE, BROWN (Ferric Oxide, Brown Iron, Iron Subcarbonate, Precipitated Iron Carbonate)

Fe_2O_3. Reddish-brown, amorp. powd. Variable constants. Sol. acids. Uses—mfr. green colored glass; paint and varnish pigment; pigment in making oilcloth and linoleum; coloring wall-paper; in compounding rubber. Grades—tech.

● Pkg—50, 100 lb. bags, bbls.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Landers-Segal Color Co, 78 Delevan St, Bklyn 31, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mapico Color Div, 380 Madison Ave, N Y 17
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

IRON OXIDE, RED (Red Oxide, Venetian Red, Ferric Oxide, Indian Red, Red Iron Trioxide, Iron Sesquioxide, Ferric Trioxide, Purple Oxide, Spanish Oxide, Turkey Red)

Fe_2O_3. Fe_2O_3, 96-98%, balance $CaSO_4$. Dark red, crystalline powd. Natural and manufactured. Mfr. precipitated yellow oxide is calcined at temperatures 500-1000°F. depending upon shade required. Sp. gr. 5.12-24. M.P. 1565°C. Sol. acids. Uses—mfr. mineral colors; theatrical rouge and grease paints; in purifying coal gas; polishing preparations for metals, jewelry, precious stones, potteries, porcelains, ceramic enamels, refractories, green glass and polishing glass; as source of iron; mordant in dyeing textiles; laboratory reagent; catalyst in chemical processes; pigment in oilcloth, linoleum, paints, rubber goods and wall papers; in medicine. Grades—tech.; iron oxide contents.

● Pkg—50, 100 lb. bags, bbls.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mapico Color Div, 380 Madison Ave, N Y 17
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

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Looking for nearest branch office? See Catalog Section

IRON OXIDE, ROUGE

Charles B Chrystal, 53 Park Pl, N Y 7
*Mapico Color Div, 380 Madison Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

IRON OXIDE, TAN

*Mapico Color Div, 380 Madison Ave, N Y 17

IRON OXIDE, YELLOW (Precipitated Yellow Oxide, Yellow Oxide, Ferrite Yellow, Mars Yellow, Jaune de Mars)

$Fe_2O_3.3H_2O + CaSO_4$; Fe_2O_3. 78-85%, calcium sulfate 2-12%. Combined water, approx. 12%. Mfr. ferrous hydroxide is precipitated from iron sulfate or chloride by lime or caustic soda. Ferrous hydroxide is oxidized to yellow hydrated ferric oxide by agitation with air. Bright yellow to brown. Uses—in pigments. Grades—tech., based on iron oxide content.
● Pkg—50, 100 lb. bags, bbls.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mapico Color Div, 380 Madison Ave, N Y 17
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

IRON PENTACARBONYL

● Pkg—5 gal. containers, 30, 55 gal. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*City Chem Corp, 132 W 22 St, N Y 11

IRON PERCHLORIDE see Ferric Chloride

IRON PHOSPHATE see Ferric Phosphate

IRON PROTOCHLORIDE see Ferrous Chloride

IRON PROTOSULFIDE see Ferrous Sulfide

IRON PYRITES see Pyrites

IRON PYROPHOSPHATE

$Fe_4(P_2O_7)_3.9H_2O$. M.W. 907.63. Yellowish-white powder. Sol. in acids and carbonated water. Grades—technical; N.F. Uses—medicine. Containers—glass bottles. Shipping regulations—none.
● Pkg—100 lb. bbls.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

IRON, REDUCED—see also Filings

Fe. Fine, amorp. powd. Uses—as tonic; in medicine and organic synthesis. Grades—gray 90%; tech; U.S.P.
● Pkg—50, 100 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Bergstrom Trading Co, 233 Broadway, N Y 7
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

IRON RESINATE (Ferric Resinate)

Reddish-brown powder. Uses—as drier for paints, varnishes, etc.
● Pkg—130 lb. drums.

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

IRON SESQUICHLORIDE see Ferric Chloride

IRON SESQUIOXIDE see Iron Oxide, Red

IRON SESQUIOXIDE, HYDRATED see Ferric Hydroxide

IRON SESQUISULFATE see Ferric Sulfate

IRON AND SODIUM OXALATE (Ferric-Sodium Oxalate)

$2Na_3Fe(C_2O_4)_3.9H_2O$. M.W. 939.8. Emerald green cryst. Sp. gr. 1.9731 (17.5°C.). Loses water at 100°C. Sol. water. Uses—mfr. blue-print paper. Grades—tech.
● Pkg—50, 100, 250 lb. drums, 250 lb. bbls.

Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Lolus 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

IRON STEARATE (Ferric Stearate)

$Fe(C_{18}H_{33}O_2)_3$. M.W. 906.0. A light brown powder; insol. water.
● Pkg—50 lb. cartons.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Witco Chem Co, 260 Madison Ave, N Y 16

IRON SUBCARBONATE see Iron Oxide, Brown

IRON SULFATE see Ferric and Ferrous Sulfate

IRON SULFIDE see Ferrous Sulfide

IRON SULFURET see Ferrous Sulfide

IRON TERSULFATE see Ferric Sulfate

IRON TRICHLORIDE see Ferric Chloride

IRON VITRIOL see Ferrous Sulfate

ISINGLASS, JAPAN OR CHINESE see Agar

ISOAMYL ACETATE see Amyl Acetate

ISOAMYL ACID PYROPHOSPHATE

$[(CH_3)_2CH_2CH_2CH_2]_2H_2P_2O_7$. M.W. 320.27. Liquid.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ISOAMYL BUTYRATE see Amyl Butyrate

ISOAMYLBUTYRIC ESTER see Amyl Butyrate

ISOAMYL FORMATE see Amyl Formate

ISOBORNEAL

● Pkg—Custom packed.

*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Polak & Schwarz, 667 Washington St, N Y 14

ISOBORNYL ACETATE

Colorless liq. with pine-needle odor. B.P. 220-224°C. Sp. gr. 0.978 at 20°C. Uses—compounding toilet waters, bath preparations, antiseptics, theatre sprays, soaps, etc.
● Pkg—Custom packed.

Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ISOBUTANE (Trimethylmethane)

$(CH_3)_3CH$. A colorless gas. M.W. 58.08. F.P. —145°C. B.P. —11°C. Insol. water; sol. alcohol, ether. Uses—in illuminating gas; chemical synthesis.
● Pkg—Cylinders.

*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOBUTYL ACETATE

$CH_3COO.C_4H_9$. M.W. 116.09. Colorless liq. Sp. gr. 0.871. B.P. 118.3°C. Sol. alcohol, ether; slightly sol. water. Uses—solvent and plasticizer in cellulose ester plastics and lacquers. Grades—tech.
● Pkg—Custom packed.

IRON OXIDE ROUGE

•

PLATE GLASS AND OPTICAL ROUGES

•

ROUGE SPECIALTIES

•

PRINCE MANUFACTURING CO.

BOWMANSTOWN, PENNA.

Established 1858

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 N 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
Chematar Inc, 40 Exchange Pl, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

ISOBUTYLAMINE

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Sharples Chem, 123 S Broad St, Phila 9, Pa

ISOBUTYL-p-AMINOBENZOATE

$C_6H_4(NH_2).COO.CH_2CH(CH_3)_2$. M.W. 193.13. White, cryst. powder. M.P. 65°C. Sl. sol. water; sol. alcohol, ether. Uses—Local anesthetic, mild antiseptic.
● Pkg—Custom packed.

W W Angus, 220 Broadway, N Y 38
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

ISOBUTYL BENZOATE

$C_6H_5COOC_4H_9$. Colorless liq. Sp. gr. 1.002. B.P. 237°C. Sol. alcohol, ether. Uses—plasticizer for plastics; in medicine.
● Pkg—Custom packed.

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MONSANTO
ISOCYANATES

Monsanto was one of the first American companies to produce isocyanates, a group of industrial products with many unexplored possibilities. Present production includes:

Octadecyl isocyanate * Phenyl isocyanate * Tolylene diisocyanate (TDI) * Ethyl Isocyanate p,p' — Diphenylmethane Diisocyanate (MDI)

Uses include: Foamed-in-place resins . . . waterproofing leather and textiles . . . adhesives . . . coupling agent . . . modifying agent for fiber, protein, pharmaceuticals, dyestuffs.

Write for information.

MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Missouri

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO CHEMICALS – PLASTICS

ISOBUTYL BROMIDE (1-Bromo-2-Methylpropane)

$(CH_3)_2CHCH_2Br$. M.W. 137. Clear, colorless liquid. Completely miscible with common organic solvents; insol. water. Uses—in organic syntheses, particularly as source of isobutyl radical.
● Pkg—5, 12 gal. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ISOBUTYL BUTYRATE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ISOBUTYL CAPROATE

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Verona Chem Co, 26 Verona Ave, Newark 4, N J

ISOBUTYL CARBINOL see Alcohol, Amyl-Iso

ISOBUTYL ISOBUTYRATE

$(CH_3)_2CHCOOCH_2CH(CH_3)_2$. M.W. 144.12. Colorless liquid. B.P. 147°C. Insol. water; miscible alcohol.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ISOBUTYL METHACRYLATE

Water-white, mobile, volatile liquid with pronounced agreeable odor.
● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass

ISOBUTYL SALICYLATE

$HOC_6H_4COOC_4H_9$. Clear liquid, may have slightly yellowish tinge. Sp. gr. 1.064-1.065 at 25°C. Contains 99-100% ester. Uses—perfumery.
● Pkg—Custom packed.

P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Givaudan-Delawanna, 330 W 42 St, N Y 36
*Maywood Chem Works, 100 W Hunter Ave, Maywood,
*Simpson Labs Div, 120 Wall St, N Y 5
Tombarel Products Corp, 12 E 22 St, N Y 10

ISOBUTYLENE (2-Methyl-Propene-1)

$(CH_3)_2C{:}CH_2$. M.W. 56.10. Colorless gas. B.P. —6°C.
● Pkg—Cylinders.

*Enjay Co, 15 W 51 St, N Y 19
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOCYANATES

$(CH_3)_2CH.CHO$. B.P. 64.5°C.; F.P. —65.9°C.; sp. gr. 0.794 at 15.6/15.6°C. Uses—as an intermediate mfr. rubber accelators, synthetic resins. In the synthesis of isobutyric acid and acetals.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo

ISOEUGENOL

$C_6H_3(C_3H_5)(OCH_3)OH$. M.W. 164. Viscous liquid, colorless or pale yellow; clove odor. Uses—medicinal; perfumery.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St N Y 14
*P R Dreyer, 113 W 19 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros., 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutai Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ISOHEPTANE

Fraction hydrocarbon mfr. from natural gas. API gravity, 63.7. B.R. 185-196. Uses—formulation of lacquers; mfg. of rubber cements, adhesives, tires; in mfg. of artificial leather, rotogravure inks; chemical intermediate.
● Pkg—5, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOHEPTENE

● Pkg—5, 55 gal. drums.

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOHEXANE

Very light fraction hydrocarbon mfr. from natural gas. API gravity, 80.2. B.R. 135-145. Uses—in extraction of oil from oil seeds; chemical intermediate; in rubber cements and adhesives.
● Pkg—5, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISO-IODOPENTANE see Amyl Iodide, Iso

ISOLEUCINE

$[H_2NCHCH(C_2H_5)CH_3]COOH$. M.W. 131.1. Amino acid present in certain protein foods, required in human nutrition for growth and maintainance of health, weight and nitrogen balance.
● Pkg—1, 5 lb. bottles, drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Lack Chem Co, 19 Park Pl, N Y 7

ISONAPHTHOL see b-Naphthol

ISOOCTANE (2-Methyl Heptane, Amylidimethylmethane)

$(CH_3)_2CH(CH_2)_4CH_3$. M.W. 114.14. Colorless liquid. B.P. 116°C. Insol. water; sol. alcohol.
● Pkg—5, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOOCTENE

● Pkg—5, 55 gal. drums.

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISO-PENTANE (2-Methylbutane)

$(CH_3)_2CHCH_2CH_3$. M.W. 72.09. Tech. grade from natural gas. Colorless liq. Boiling range 26-30°C. Sp. gr. .624. Uses—organic synthesis, organic analysis, preparation reagents, solvents.
● Pkg—Pint, quart, 1, 5 gal. bottles, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

ISOPHORONE

$C_9H_{14}O$. M.W. 138.20. Liquid of irritating, somewhat toxic odor, most organic solvents, including gasoline. Wt. per gal., 7.68 lbs. at 20°C. Uses—solvent for various oils, fats, resins and gums; intermediate in mfr. plasticizers, flotation agents, rubber chemicals, etc. Grades—at least 98.0% isophorone by weight; not more than 0.02%. B.P., in the range 205-220°C. Sp. gr. 0.9227 at 20/20°C. Sol. in acetic acid; color, less than 0.05 gm. $K_2Cr_2O_7$ per liter of water.
● Pkg—1 gal. cans, 5, 55 gal. drums.

C P Chem Solvents, 60 Park Pl, Newark 2, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ISOPRENE

C_5H_8. M.W. 68.06. Density at 20°C. 0.6805. M.P. —146.8°C. B.P. 34.07; n20/D 1.42160. Uses—synthetic rubber, resins, chemical intermediate. Available in form of fractions containing approximately 70% isoprene.
● Pkg—Pint, quart, gal. bottles, 5, 54 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Enjay Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Market Special Products, Bartlesville, Okla

ISOPROPANOL see Alcohol, Isopropyl

ISOPROPANOLAMINE, MIXED

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

ISOPROPANOLAMINE SALT, 2,4 DI-CHLOROPHENOXYACETATE

*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20

ISOPROPENYL ACETATE

● Pkg—5, 55 gal. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ISOPROPYL ACETATE

$CH_3COO.CH(CH_3)_2$. Colorless liq. Sp. gr. .870-.875 (20/20°C.). B.P. 86-90°C. Weight per gal., 7.27 lbs. Sol. alcohol, ether; slightly sol. water. Uses—mfr. organic chemicals; solvent cellulose lacquers and plastics; waterproof cements. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chematar Inc, 40 Exchange Pl, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
P R Dreyer, 113 W 19 St, N Y
Eastman Chem Products, Kingsport, Tenn
*Enjay Co, 15 W 51 St, N Y 19
William S Gray & Co, 342 Madison Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allen Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

ISOPROPYL AMINE

$CH_3CH(NH_2)CH_3$. M.W. 59.1. Water-white liquid. Flash-point -36°C. B.P. 31.9°C. M.P. 101.2°C. Sp. gr. 0.686 at 25°C./4°C. Miscible with water, alcohol, ether. Uses—chemical synthesis, dehairing agent, surface active agents, cleaning compounds.
● Pkg—1, 5, 55 gal. drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Sharples Chem, 123 S Broad St, Phila 9, Pa

p-ISOPROPYL-ANILINE see Cumidine

ISOPROPYL BENZENE

$C_6H_5(C_3H_7)$. B.P. range, 151.0-153.9°C. at 760 mm.; sp. gr. 0.0860 at 25/25°C.; dielectric constant 2.26; flash pt. 32°C.; fire pt. 45°C. Uses—solvent, intermediate.
● Pkg—Bottles, 5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Dow Chem Co, Midland, Mich
*Phillips Petroleum Co, Special Products Div, Bartlesville Okla

ISOPROPYL BROMIDE

$(CH_3)_2CHBr$. Colorless liq. Sp. gr. 1.310. B.P. 59.6°C. Insol. water. Sol. alcohol, ether. Uses—organic synthesis, pharmaceuticals. Grades—pure, tech.
● Pkg—1 gal. bottles, 5, 10, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn

ISOPROPYLCARBINOL see Alcohol, Isobutyl

ISOPROPYL CHLORIDE

$(CH_3)_2CH.Cl$. M.W. 78.51. Water-white liq. Sp. gr. approx. .860 at 20°C. B.P. 36.5°C. Uses—organic synthesis.
● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Dow Chem Co, Midland, Mich
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn

ISOPROPYL-N-3 (CHLOROPHENYL) CARBAMATE

*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ISOPROPYL-o-CRESOL see Carvacrol

ISOPROPYL 2, 4-DICHLOROPHENOXYACETATE

$(CH_3)_2CHCOOCH_2OC_6H_3Cl_2$. M.W. 263.12. Pale yellow liquid. M.P. 5°C. Sol. oil. Uses—herbicide, weed control.
● Pkg—1, 5 gal. cans, 5, 55 gal. drums.

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McLaughlin Gormley King Co, 1715 S E 5 ..., Minneapolis 14, Minn
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ben P Steele Co, 342 Madison Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn

ISOPROPYL LAURATE

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Givaudan-Delawanna, Inc, 330 W 42 St, N Y 36
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ISOPROPYL-m-CRESOL see Thymol

ISOPROPYL-m-PALMITATE

$C_{15}H_{31}COOCH(CH_3)_2$. M.W. 300. Colorless liquid. Sol. alcohol, ether; insol. water. Use—skin lotions.
● Pkg—1, 7, 36 lb. tins, 220, 380 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
P R Dreyer, 113 W 19 St, N Y
W W Angus, 220 Broadway, N Y 38
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Givaudan-Delawanna, Inc, 330 W 42 St, N Y 36
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ISOPROPYL PHENOL

C_3H_7-C_6H_4OH. M.W. 136.2. Water-white to light tan mobile liquid. Sol. ethanol, benzene, 10% sodium hydroxide; insol. water. Uses—production of agricultural chemicals, lubricating oil additives, phenolic resins, rubber chemicals; as high-boiling phenolic solvent.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

ISOPROPYL n-PHENYL CARBAMATE

C_6H_5-$NHCOOCH(CH_3)_2$. M.W. 179.10. White to gray crystalline needles. Camphor odor. Sol. alcohol, acetone, isopropyl alcohol; slightly sol. water. Uses—highly selective herbicide for monocotyledonous plants; control of weeding grasses.

*Chipman Chem Co, Bound Brook, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
John Powell & Co, 1 Park Ave, N Y 16
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ISOPROPYLTOLUENE see Cymene

ISOPROPYLTOLUOL see Cymene

ISOPROPYL 2, 4, 5-TRICHLOROPHENOXYACETATE

$(CH_3)_2CHCOOCH_2OC_6H_2Cl_3$. M.W. 297.57. Tan to brown solid. M.P. 46°C. Oil sol. Uses—Herbicide, weed control.

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
Ben P Steele Co, 342 Madison Ave, N Y 17

ISOQUINOLINE

C_9H_7N. M.W. 129.15. Sp. gr. 1.099 at 20°C. M.P. 24.6. B.P. 240.5 at 763 mm. Slightly soluble water.
● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind

ISOVALERYLALDEHYDE

$CH_3C(CH_3)CH_2CHO$. M.W. 86.13. Water-white liquid with a characteristic choking odor. B.P. 93°C. Sl. sol. water. Uses—organ. synth.; prep. of resins.
● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Givaudan-Delawanna, Inc, 330 W 42 St, N Y 36
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ITANCONIC ANHYDRIDE

● Pkg—Custom packed.

*American Bio-Synthetics Corp, 710 W National Ave, Milwaukee 4, Wis
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

JAPAN EARTH see Cutch

JAPAN TALLOW see Wax, Japan

JAPANESE GELATIN see Agar

JAUNE BRILLIANT see Cadmium Sulfide

JUANE DE MARS see Iron Oxide, Yellow

JAVELLE WATER see Sodium Hypochlorite

JELUTONG see Gum, Pontianak

JET BLACK see Carbon Black

Eastman

isopropyl acetate

Eastman isopropyl acetate offers the lacquer formulator a low-cost solvent similar in properties to ethyl acetate. Because of its higher boiling range, it evaporates more slowly and is therefore in demand for blush-resistant formulations. Its good solvent properties make it a versatile material for the chemical process industries. Available in drums, and in compartmented and full tank cars.



Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

JOINTING COMPOUNDS

Preparations to make tight joints, eliminate leaks; used widely in industry, including gas and high pressure lines, automatic sprinkler systems, air lines, plumbing work, and general maintainance of pipe lines. Used also for coating gaskets, nuts, boiler tube caps, manhole plates of boilers and condensers, doors of gas retorts, etc. See also Sewer Pipe Jointing Compounds.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Zophar Mills, 103 26 St, Bklyn 32, N Y

JUDEAN PITCH see Asphaltum

KAISER GREEN see Copper Acetoarsenite

KALILANGE see Potassium Hydroxide

KALIUM see Potassium

KAOLIN see Clays, China

KAPOK

The hair of the fruit of the kapok and bombax trees. Uses—upholstering purposes and for filling lifebelts.

Dalton-Cooper, 200 W 34 St, N Y 1
Internatio-Rotterdam, 61 Broadway, N Y 6

KARAYA see Gum, Karaya

KATECHU see Cutch

KAURIE see Gum, Copal

KERATIN

$C_{41}H_{71}O_{14}N_{13}S$. Protein derived from hoofs, horns, shells, etc. Yellowish-brown powder. Insol. in water, alcohol, ether, dil. acids; sol. in glacial acetic acid, ammonia water. Uses—coating "enteric" pills.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Nepera International Corp, 37 Wall St, N Y 5
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

MANUFACTURERS OF

LACQUERS

FOR ALL PURPOSES

Wood — Metal — Straw

Paper—Rubber—Shoes, etc.

and

Complete Line Government

Specifications



THE NATIONAL CHEMICAL & PLASTICS CO.

1424 Philpot Street
Baltimore, Maryland

KEROCAINE see Procaine Hydrochloride

KETOHEXAMETHYLENE see Cyclohexanone

KETOL see Indole

KETOPROPANE see Acetone

KIESERITE see Magnesium Sulfate

KIESELGUHR see Diatomaceous Earth

KILLEEN see Moss, Irish

KING'S BLUE see Cobalt Blue

KING'S BLUE see Smalt

KING'S GREEN see Copper Acetoarsenite

KING'S YELLOW see Arsenic, Yellow

KRYOLITH see Cryolite, Natural

KRYPTON

Kr. At. Wt. 83.7. Rare inert gas. Uses—electrical luminescent tubes.
● Pkg—Flasks, cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

KUTCH see Cutch

LAC see Shellac

LACQUER BASES

In formulating lacquers, base lacquers serve as the starting point from which special lacquers are produced.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Howe & French, 99 Broad St, Boston, Mass
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
Nitrogen Products, National Bank Bldg, New Brunswick, N J
C J Osborn Co, 132 Nassau St, N Y 38
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

LACQUER DOPE see Pyroxylin Solutions

LACQUERS, ALCOHOL RESISTANT

Lacquer coatings so formulated that they are unaffected by alcohol.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, AUTOMOTIVE

Lacquers applied over primer and surfacer coats to give a lustrous and colorful finish.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Lead Co, 111 Broadway, N Y 6
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
United Chromium, 100 E 42 St, N Y 17
N J
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, BRUSHING

Lacquers formulated to be applied with a brush.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*National Lead Co, 111 Broadway, N Y 6
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Geroge D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, CAN

Clear lacquers formulated to provide a protective coating to tinplate used in manufacturing the so-called "tin-can" containers.

*Bell Chem Co, 25 W 44 St, N Y 36
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, CELLULOSE BASE

Lacquers formulated with cellulose acetate, etc., as distinguished from lacquers prepared with nitrocellulose bases, and so relatively non-inflammable.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*E I du Pont de Nemours & Co, Fihishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

LACQUERS, CLEAR

A lacquer which has no color pigment or dye incorporated in it is termed a clear (transparent) lacquer.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Apex Chem Co, 225 W 34 St, N Y 1
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*L J & M La Place, Leilarts Lane, E Paterson, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*National Lead Co, 111 Broadway, N Y 6
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*Varniton Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

LACQUERS, EMULSIFIED

Emulsions consisting of viscous, dough-like lacquer base dispersed in a small percentage of water; plus a very high solids content (film forming) and it also permits the use of nitrocellulose of much higher viscosity. Uses—coating porous materials, coating paper.

*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

LACQUERS, HEAT RESISTING

Usually do not contain nitrocellulose. Often made with certain types synthetic resins.

*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
°Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°David E Long Corp, 220 E 42 St, N Y 17
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, LEATHER

Applied to leather to produce color effects or to emphasize and preserve the original beauty of the leather. These lacquers must be flexible and soft as the leather to which they are applied must not lose its "feel."

*Apex Chem Co, 225 W 34 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
°Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
°Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3 N J

LACQUERS, LINOLEUM

°American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
°Lacquer Specialties, 249 Ave P, Newark 5, N J
°J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D. Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

LACQUERS, METAL

Clear lacquers are used to prevent tarnishing, and to give a protective and decorative coat over metals. Pigmented lacquers of low solid content are employed for coating metal surfaces. See also Lacquers, Clear.

°American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mas
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*L J & M La Place, Leilarts Lane, E Paterson, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, PAPER

Lacquers to impart gloss or color; used to produce waterproofness, moistureproofness, resistance to grease, and other special needs.

°American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S. Broad St, Phila 7, Pa
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N. Y
°Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, PATENT LEATHER

*Bell Chem Co, 25 W 44 St, N Y 36
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

LACQUERS, REFRIGERATOR

Must be odorless, not affected by greases, butter and similar materials which affect many lacquers.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
°National Lead Co, 111 Broadway, N Y 6
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, RESIN BASE

Lacquer where a resin is the basic ingredient instead of nitrocellulose.

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Baer Bros, 438 W 37 St, N Y 18
°Bakelite Co, 30 E 42 St, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
°Chemical Development Corp, Endicott St, Danvers, Mass
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Maurice A Knight, P O Box 111, Akron 6, Ohio
°Lacquer Specialties, 249 Ave P, Newark 5, N J
°J Landau Co, 221 Wooster St, N Y 12
°David E Long Corp, 220 E 42 St, N Y 17
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
°Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Chromium, 100 E 42 St, N Y 17

LACQUERS, RUBBER

Lacquers of this type are usually applied before vulcanization and provide a film which is cracked so finely that the cracks can hardly be noticed. Such lacquers must withstand the heat of vulcanization without breaking down.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°David E Long Corp, 220 E 42 St, N Y 17
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
°Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass

LACQUERS, SPRAYING

Lacquers so formulated that they are sufficiently thin to be applied by a spray gun.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

LACQUERS, TEXTILE

Special lacquers which must print; stay raised; not stick in the stencil; not penetrate too deeply into the fabric; dry by the time the fabric reaches the end of the festoon; have adhesion; have flexibility.

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Bell Chem Co, 25 W 44 St, N Y 36
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
°Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

LACQUERS, TUMBLING

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
°E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
°Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Monsanto

BEAR LAMPBLACK

Blacks with
1 a bluer undertone,
2 greater tinting strength,
3 lower oil absorption.

Produced by a new process, they are also more uniform . . . available in greater quantity . . . at lower prices . . . to supplement Bear Germantown Blacks, leaders for 35 years.

MONSANTO CHEMICAL COMPANY
Merrimac Division
Boston 49, Mass.

MONSANTO CHEMICALS - PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

LACQUERS, VEILING

*Bell Chem Co, 25 W 44 St, N Y 36
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

LACQUERS, WOOD

Lacquers of high residual solid content to fill the roughness of the wood (fill the pores) and provide a smooth finish.

*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

LACQUERS, WRINKLE

*Bell Chem Co, 25 W 44 St, N Y 36
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Maas & Waldstein Co, 2121 McCarter Hway, Newark 4, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

LACTATES

*American Maize Products Co, 100 E 42 St, N Y
*Apex Chem Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Sheffield Chem Co, P O Box 630, Norwich, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

LACTIN see Sugar of Milk

LACTONITRILE

*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

LACTOSE see Sugar of Milk

LACTOSE, CRUDE

● Pkg—100 lb. bags, 100, 225 lb. drums, 175, 200 lb. bbls.

*Avoset Co, 1530 Spring Garden St, Phila 1, Pa.
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Hummel Chem Co, 90 West St, N Y 6
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*F H Taussig, 175 W 76 St, N Y 23

LACTOSE, EDIBLE

● Pkg—100 lb. bags, 100, 225 lb. drums, 175, 200 lb. bbls.

*Avoset Co, 1530 Spring Garden St, Phila 1, Pa
Coesumers Products Co, 99 Hudson St, N Y 13
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*F H Taussig, 175 W 76 St, N Y 23
O J Weeks Co, 44 N Moore St, N Y 13

LAMINATED TALC see Mica

LAMP BLACK (Germantown Black)—see also Carbon Black

For description and uses see Carbon Black. Grades—various.

● Pkg—Bags, cartons.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*L Martin Co, 41 E 42 St, N Y 17
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*Smith Chem & Color Co, 55 John St Bklyn 1, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 295 Madison Ave, N Y 17

LANOLIN (Adeps Lanae, Alapurin, Wool-fat, Oesipos, Wool Grease)

Purified grease from sheep's wool. White or slightly colored amorp., slight odor. Natural. Slightly sol. alcohol. Sol. ether, chloroform. Grades—commerical and U.S.P. Uses—mfr. rosin soaps, superfatting toilet soaps; dressing, finishing, stuffing, softening leather; in salves, ointments, emulsions, cosmetics, pomades, toilet preparations. Grades—U.S.P. hydrous, anhyrous, tech.

● Pkg—100, 225, 420 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Adams-Henry Chem Co, 32 Broadway, N Y 4

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●

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CHEMICAL COMPANY

37-13 29 STREET, LONG ISLAND CITY 1, N. Y.
STILLWELL 4-3483 CABLE: GALLARDKEM

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
F L Bodman, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Bopf-Whittam Corp, 1135-53 Elizabeth Ave W, Linden, N J
Browning Chem Corp, 150 Broadway, N Y 38
Consumers Products Co, 99 Hudson St, N Y 13
*Croda Inc, 51 Madison Ave, N Y
Dalton-Cooper, 200 W 34 St, N Y 1
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Fanning Chem Corp, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
*Hummel Chem Co, 90 West St, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lanetex Products, P O Box 52, Sta A, Elizabeth 1, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
McKesson & Robbins, 155 E 44 St, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
M W Parsons-Plymouth, 59 Beekman St, N Y 38
*S B Penick & Co, 50 Church St, N Y 7
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Thomas J Shields Co, 11 Water St, N Y
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
Welch, Holme & Clark Co, 439 West St, N Y 14

LANOSTEROL (Isocholesterol)

$C_{30}H_{50}O$. An unsaturated sterol closely related to cholesterol. M.P. 139-140°C., comprising approx. 25% of wool wax.

R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hummel Chem Co, 90 West St, N Y 6
*Robinson, Wagner Co, 110 E 42 St, N Y 17

LANTHANUM OXIDE

La_2O_3. Mol. wt. 325.84. White powder; true density, 6.51; bulk density, 1.2; melting pt. 2315°C; boiling pt. 4200°C. Sol. in dilute acids; partially converted to carbonate in air; also absorbs moisture. Use—Manufacture of high index optical glass.
●Pkg—Bulk.

City Chem Corp, 132 W 22 St, N Y 11
*Croda, Inc, 51 Madison Ave, N Y
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
*Variacold Chem Co, 116 Broad St, N Y 4

LAPIS CAUSTIC see Silver Nitrate

LAPIS LAZULI, ARTIFICIAL see Ultramarine Blue

LARD

Adeps, Axungia Porci. Purified internal fat from abdomen of the hog. Soft, white, unctuous mass; slight characteristic odor, bland taste. Sp. gr. .0917. Melts 36-42°C; insol. in water; sol. benzine, chloroform, ether, petrol, benzin. Uses—emollient; in manuf. ointments.

H J Baker & Bro, 600 5 Ave, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*International Commodities Corp, 11 Mercer St, N Y 13
Oil & Chem Products, 295 Madison Ave, N Y 17

LARD, HYDROGENATED

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
*E F Drew & Co, 416 Division St, Boonton, N J
Hummel Chem Co, 90 West St, N Y 6

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WOOL GREASE FATTY ACIDS
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Common and Neutral Degras
Wool Grease Fatty Acids
N. I. MALMSTROM & CO.
America's Largest Processor of Wool Fat and Lanolin
147 Lombardy St., Brooklyn 22, N. Y.
612 N. Michigan Ave., Chicago 11, Ill.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Baker CHEMICAL

LEAD ACETATE
Technical and N.F.

LEAD NITRATE
Reagent, Purified & Technical

LEAD DIOXIDE
Technical Powder

LEAD THIOCYANATE
Spec. JAN-L-65

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

LARVA KILLING COMPOUNDS

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Michigan Chem Co, 500 N Bankson, St Louis, Mich
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
John Powell & Co, 1 Park Ave, N Y 16

LATEX (Natural Water Dispersions of Rubber)

The liquid secretion of the hevea tree. Grades—Normal (38-40%) Latex, concentrated (60-72%) Latex.
● Pkg—55 gal. bbls., drums.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Chem Co, Midland, Mich
General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Heveatex Corp, 78 Goodyear Ave, Melrose 76, Mass
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Montgomery Bros, Penrose & Packer Aves, Phila 45, Pa
Morningstar, Nicol, 630 W 51 St, N Y 19
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubba Inc, 1015 E 173 St, N Y 60
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y

LATICES, ACRYLATE

*American Polymer Corp, 103 Foster St, Peabody, Mass
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Monomer Polymer, 511 Lancaster St, Leominster, Mass

LATICES, BUTADIENE ACRYLONONILE

*American Polymer Corp, 103 Foster St, Peabody, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

LAUROYL CHLORIDE

● Pkg—13 gal. carboys.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y

LAUROYL PEROXIDE (Dodecanoyl Peroxide)

$(C_{11}H_{23}CO)_2O_2$. White, coarse powder. M.P. 48-50°C. Uses—Bleaching agent for fats, oils, and waxes; polymerization catalyst.
● Pkg—Cases.

*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
McKesson & Robbins, 155 E 44 St, N Y

LAURYL BROMIDE (Dodecyl Bromide)

$CH_3(CH_2)_{10}CH_2Br$. M.W. 249.2. Colorless liquid.
● Pkg—Bottles, 5 gal. carboys, 5, 10, 55 gal. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, DeVine St, N Haven, Conn

LAURYL CHLORIDE

$C_{12}H_{25}Cl$. approx. M.W. 312. Insol. water; sol. organic solvents. Use—production of esters for plasticizers.
● Pkg—13 gal. carboys, 375 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

LAURYL MERCAPTAN

● Pkg—70, 375 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

a-LAURYL METHACRYLATE

$CH_2{=}C(CH_3)\text{-}COOC_{12}H_{25}$. (Prepared from commercial Lauryl alcohol containing approximately 60% $C_{12}H_{25}OH$.) B.R. 193-243°C. at 50 mm. Sp. gr. 0.865. Uses—Preparation of polymers and copolymers.
● Pkg—400 lb. drums.

Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

LAURYL PYRIDINIUM CHLORIDE

$C_5N_5NC_{12}H_{25}Cl$. Mol. Wt. 283.4. Yellow-gray semi-solid. Uses—cationic detergent in rayon industry. Manufacture of bactericidal and germicidal solutions.
● Pkg—50, 100, 375 lb. bbls.

*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

LAYOR-CARANG see Agar

LEAD, BLACK see Graphite

LEAD FLAKE see Lead, White

LEAD ACETATE (Sugar of Lead, Goulard's Powder, Plumbous Acetate)

$Pb(CH_3.COO)_2 + 3H_2O$. White or brown cryst. or powd. Sp. gr. 2.50. Loses water at 75°C. B.P. 280° C. Sol. water. Uses—mfr. lead salts, alum mordants, lead driers, lead resinate, lead arsenate, lead oleate, dry colors, printing inks, paper, chrome red and chrome orange pigments, chrome yellow; as clarifying agent; lead plating; antique effects on metals; mordant in dyeing and printing textiles; indigo resist; laboratory reagent; drier in paints and varnishes; in weighting silks; waterproofing textiles; refining sugar and sugar juices; in medicine. Grades—U.S.P.; C.P.; brown; white; powd.; cryst.; cakes. (1 lb.); cartons (1,5 lbs.); bottles (¼, 1, 5 lbs.).
● Pkg—Kegs, drums, bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
John A Chew, 60 E 42 St, N Y 17
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Egor Chem Co, 205 E 42 St, N Y
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
Mutchler Chem Co, 258-259 Broadway, N Y
*National Lead Co, 111 Broadway, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

LEAD ACETATE (Basic) (Lead Acetate, Dibasic; Lead Subacetate)

$Pb(C_2H_3O_2)_2{-}2Pb(OH)_2$. Heavy, white powd. Sol. water; almost insol. alcohol. Uses—in sugar analysis; clarifying and decolorizing solutions.
● Pkg—Kegs, drums, bbls.

*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

LEAD, ACETATE (Dibasic) see Lead Acetate (Basic)

LEAD ARSENATE (Plumbous Arsenate)

$Pb_3(AsO_4)_2$. M.W. 899.52. White, crystalline powd. Sp. gr. 7.30. Decomposes on heating. Sol. nitric acid. Highly poisonous. Uses—as insecticide and ingredient of various insecticidal preparations. Grades—tech. (50% paste, powd.); C.P.
● Pkg—12 x 4 lb. bags/case, 50 lb. bags, 100 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chipman Chem Co, Bound Brook, N J
*Dow Chem Co, Midland, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
Nopel Corp, 2 Broadway, N Y 4
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11

LEAD BORATE (Plumbous Borate, Lead Drier)

$Pb(BO_2)_2.H_2O$. White powd. Sp. gr. 5.598. Melts at red heat. Sol. dilute nitric acid. Uses—mfr. leaded glass, waterproof paints, galvano-plastics; as paint and varnish drier; in coatings on glass, potteries, etc.; flux; enamel frit. Grades—tech.; C.P.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

LEAD BROMIDE

$PbBr_2$. M.W. 367.05. A colorless, rhombic crystalline powder. M.P. 380°F. Decomp. 448°. Insol. water, alcohol. Forms a horn-like mass on solidifying.
● Pkg—1, 5 lb. bottles, 25 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11

LEAD CARBONATE (Plumbous Carbonate)

$PbCO_3$. M.W. 267.2. A white powder. Decomp. on heating. Insol. water. Used as pigment. Native as cerrusite.
● Pkg—Custom packed.

*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*National Lead Co, 111 Broadway, N Y 6

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office? See Catalog Section

LEAD CHLORIDE (Plumbous Chloride)

$PbCl_2$. M.W. 278.1. Colorless, rhombic crystals. Insol. in water; very slightly sol. in boiling water. Uses—reagent for separation alkaloids, silver ions and carbonate ion; mixed with lead oxides as pigment material.
● Pkg—100 lb. drums, 600 lb. bbls.

*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

LEAD CHROMATE (Leipzig Yellow, Chrome Yellow, Plumbous Chromate, Paris Yellow)

$PbCrO_4$. M.W. 323.23. Fusible cryst. Sp. gr. 6.123. M.P. 844. Sol. acids. Uses—as pigment paints, varnishes, coloring paper; oxidizing agent in chemical processes; ingredient of match head compositions; in coloring porcelains and potteries. Grades—tech.; C.P.
● Pkg—310, 340 lb. drums.

*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Merck & Co, Rahway, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

LEAD DIOXIDE see Lead Peroxide

LEAD DRIER see Lead Borate

LEAD 2-ETHYLHEXOATE (Lead Octoate)

$Pb[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 493.6. Nearly colorless amorphous solid. Uses—as a drier in paints and varnishes.
● Pkg—100, 450, 530, 600 lb. drums.

*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

LEAD FLAKE see Lead, White

LEAD FLUOBORATE

$Pb(Bf_4)_2$. Used as a lead plating solution.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

LEAD FLUORIDE (Plumbous Fluoride)

PbF_2. M.W. 245.2. Dens. 8.241. Fusible white powd.; insol. water. Uses—as a constituent of fluxes; as a reducing and desulfurizing agent.

City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6

LEAD FORMATE

$Pb(CHO_2)_2$. Brownish-white crystalline substance.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17

LEAD IODIDE (Plumbous Iodide)

PbI_2. M.W. 245.2. Dens. 8.241. Fusible white Sp. gr. 6.16. M.P. 393-402°C. B.P. 861-954°C. Sol. potassium iodide and sodium acetate solutions. Uses—bronzing and coloring metals; in printing, photography and medicine. Grades—N.F.; C.P.; tech.
● Pkg—100, 500 G bottles.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

LEAD LINOLEATE (Lead Plaster, Plumbous Linoleate)

$Pb(C_{18}H_{31}O_2)_2$. Yellowish-white, amorp. paste. Sol. acids. Uses—mfr. printing inks, dry colors; drier in paints and varnishes; in medicine. Grades—tech.
● Pkg—450 lb. drums, 100 lb. kits.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

LEAD, METAL

Pb. Gray solid metal. Sp. gr. 11.33. M.P. 327.4°C. B.P. 1613°C. Sol. nitric acid; insol. water. Uses—mfr. lead pigments, lead salts, white lead, storage batteries, alloys, solders; anodes for chrome plating; linings for apparatus.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Charles Gitlan & Co, 25 Beaver St, N Y 4
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6
*Nopel Corp, 2 Broadway, N Y 4
*Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash
*St Joseph Lead Co, 250 Park Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

LEAD MONOXIDE see Lead Oxide, Yellow

LEAD NAPHTHENATE

34-40% lead. Amber colored, sticky plastic solid. Uses—as a paint, enamel drier; in extreme pressure lubricants.
● Pkg—15, 55 gal. drums.

5 L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Barclay Chem Co, 75 Varick St, N Y 13
European Chem Co, 366 Broadway, N Y 13
*Ferro Chem Corp, Box 349, Bedford, Ohio
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

LEAD NITRATE (Plumbous Nitrate)

$Pb(NO_3)_2$. M.W. 331.24. Colorless cryst. Sp. gr. 4.53. M.P. decomposes at 357°C. Sol. water, alcohol. Uses—mfr. lead salts, lead mordants, paints, dry colors, match head and explosive compositions, paint pigments; mordant for staining mother-of-pearl, dyeing textiles and in calico printing; sensitizing agent in photography, process engraving and lithography; oxidizing agent in making synthetic dyes; decolorizing sugar; tanning leather; in medicine. Grades—C.P.; pure tech.
● Pkg—100 lb. drums, 600 lb. bbls.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

LEAD OLEATE (Plumbous Oleate)

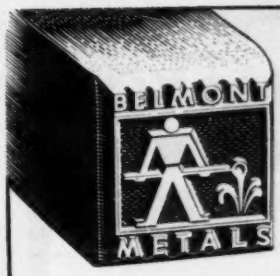
$Pb(C_{18}H_{33}O_2)_2$. White, fatty, amorp. granules. Sol. alcohol, ether, turpentine, benzene. Uses—drier in paints, varnishes, lacquers. Grades—tech.
● Pkg—100 lb. kits, 450, 500, 600 lb. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

LEAD OXIDE, BROWN see Lead Peroxide

LEAD OXIDE, RED (Red Lead, Minimum, Plumbo, Plumbic Oxide)

Pb_3Pb0_4. Bright red, amorp. powd. Sp. gr. 9.096. M.P. ddecomp. between 500 and 530°C. Sol. acids. Uses—mfr. lead peroxide, ceramic cements, ceramic color, cut and crystal glass, match head compositions, pipe cement, marking crayons, storage batteries; as alcohol purifier; pigment paints, varnishes and rubber; in metallurgy; textile finishing; in medicine. Grades—tech. powd.; C.P.; U.S.P.
● Pkg—50 lb. bags, 55, 450 lb. bbls., 55, 500, 600 lb. drums.



LEAD

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ALLOYS	POWDER
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BARS	SHEET
BLOCK	SHOT
CASTINGS	SILVER RODS
CAULKING	STRIP
DUST	TEST
FOIL	TUBING
GRANULAR	WASHERS
MOSSY	WIRE
PIG	WOOL
PIPE	

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*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
Flio Color & Chem Corp, 202 E 44 St, N Y 17
Charles Gitlan & Co, 25 Beaver St, N Y 4
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

LEAD OXIDE, YELLOW (Litharge, Lead Monoxide, Massico, Plumbous Oxide, Lead Protoxide)

PbO. M.W. 223.22. Yellow to yellowish-red, crystalline powd. Sp. gr. 9.53. M.P. 888°C. B.P. at white heat. Sol. alkalies, acids. Uses—mfr. lead salts, varnishes, paints, preservative paints, enamels, ceramic cements, pipe cements and lutes, pottery glazes, cut and crystal glass, inks, dry colors, glues, cements, storage batteries, petroleum, putty, boiled linseed oil, rubber, pigment, linoleum, oil-cloth, acid resisting and match head compositions; as drier; mordant in dying and finishing textiles; paint and varnish drier; metallurgical flux; tanning leather; in medicine. Grades—powdered; fused; C.P.; U.S.P.
● Pkg—50 lb. bags, 600, 700 lb. drums, bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Flio Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

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LEAD OXIDE, YELLOW, continued

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

LEAD PERCHLORATE

$Pb(ClO_4)_2.3H_2O$. M.W. 460.17. Clear crystalline material. Uses—reagent, lab. L. Decomp. 100°C; sol. water, alcohol.
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

LEAD PEROXIDE (Lead Dioxide, Lead Oxide, Brown, Puce, Lead Superoxide, Anhydrous Plumbic Acid)

PbO_2. M.W. 239.22. Brown, crystalline powd. Sp. gr. 9.375. Decomp. on heating. Sol. glacial acetic acid. Uses—mfr. intermediates, dyes, malachite green, match head compositions, explosives, rubber substitutes, electric batteries, electrodes; as oxidizing agent in making organic and inorganic chemicals; mordant in dyeing textiles; discharge in dyeing with indigo; laboratory reagent; in metallurgy; in medicine. Grades—tech.; U.S.P.; C.P.
● Pkg—100 lb. kits, 400 lb. bbls., 1000 lb. drums.

*S B Penick & Co, 50 Church St, N Y 7
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

LEAD PHOSPHATE

● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md

LEAD PLASTER see Lead Linoleate

LEAD PROTOXIDE see Lead Oxide, Yellow

LEAD, RED see Lead Oxide, Red

LEAD RESINATE (Plumbous Resinate)

$Pb(C_{20}H_{29}O_2)_2$. Yellowish-white, amorp. paste. Insol. in most solvents. Uses—drier paints, varnishes; for waterproofing textiles. Grades—tech.
● Pkg—55 gal. drums.

*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

LEAD STEARATE

$Pb(C_{18}H_{35}O_2)_2$. Yellowish-white amorp. paste. Sol. alcohol, ether. Uses—drier in paints, varnishes, lacquers. Grades—tech.
● Pkg—50 lb. bags, cartons, 500 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

LEAD SUBACETATE see Lead Acetate (Basic)

LEAD SUBCARBONATE see Lead, White

LEAD, SUGAR OF see Lead Acetate

LEAD SULFATE, BASIC (Sublimed White Lead, Anglesite Plumbous Sulfate, Vitriolate of Lead)

$PbSO_4.PbO$. White, amorp. powd. Sp. gr. 6.92. Decomp. on heating. Sl. sol. hot water. Uses—pigments in paints, enamels, putty, pottery glazes. Grades—tech.; C.P.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
*City Chem Corp, 132 W 22 St, N Y 11

LEAD SUPEROXIDE see Lead Peroxide

LEAD TALLATE

Lead salt of tall oil (a mixture of acids derived from pine tree) of varying composition. Uses—as a drier in paints and varnishes.
● Pkg—Solid—150, 450 lb. drums; Liquid—15, 55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

LEAD TETRA ACETATE

$Pb(OAc)_4$. M.W. 443.4. Colorless to faintly pink cryst. Uses—splitting glycols, amino compounds.
● Pkg—Custom packed.

*Arapahoe Chem, 2800 Pearl St, Boulder, Col
City Chem Corp, 132 W 22 St, N Y 11
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

LEAD THIOSULFATE see Lead Hyposulfite

LEAD TUNGSTATE (Lead Wolframate, Wolframate, Raspite, Stolzite, Plumbous Tungstate)

$PbWO_4$. Yellowish powd. Sp. gr. 8.235. M.P. 1130° C. Sol. acids; sl. sol. water. Uses—as pigment. Grades—tech.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*City Chem Corp, 132 W 22 St, N Y 11
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio

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LEAD, VITRIOLATE see Lead Sulfate (Basic)

LEAD, WHITE (Basic Carbonate, Ceruse, Lead Flake, Lead Subcarbonate, Cerussa)

$2PbCO_3Pb(OH)_2$. M.W. 775.68. White, amorp. powd. Decomp. on heating. Sol. acids. Uses—mfr. ceramic glazes, litharge; pigment in paints and enamels; ingredient putty; in medicine. Grades—tech. (dry and in oil); C.P.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
*Baer Bros, 438 W 37 St, N Y 18
J M Baird Co, 254 W 31 St, N Y 1
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*National Lead Co, 111 Broadway, N Y 6

LEAD, WHITE (Sublimed) see Lead Sulfate (Basic)

LEAD WOLFRAMATE see Lead Tungstate

LEAF-GREEN see Chlorophyll

LEATHER DOPE BASES

*Beil Chem Co, 25 W 44 St, N Y 36
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J

LEATHER FLOUR

Carefully ground and graded leather, air-separated to insure uniformity in mesh. Uses—mfr. composition fillers and fabrics; compounding.

*Composition Materials Co, 25 W 43 St, N Y 36

LEATHER GREASE see Degras

LEATHER SHREDDED

Fiberized leather scrap, from selected tannages graded as to fiber length. Uses—filler in general compounding—rubber, paper, plastics.

*Composition Materials Co, 25 W 43 St, N Y 36

LECITHIN (Monoamino-Monophosphatide)

Combination of the esters of oleic, stearic, palmitic or other fatty acids with glycerophosphoric acid and choline. Yellowish-brown waxy substance contained in animal and vegetable tissues, also obtained from egg yolk. Insol. water; sol. alcohol, ether, chloroform. Decomposes on heating. Uses—industrial: ink, paint, shoe polish, typewriter ribbon, carbon paper, hectograph, lubricating oils, mine sprays, cosmetic, pharmaceutical. Food: chocolate, confectionery, baking products, lard, oleomargarine.

●Pkg—Bottles, drums.

American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bergstrom Trading Co, 233 Broadway, N Y 7
*Bios Labs, 17 W 60 St, N Y 23
*Central Soya Co, 300 Fort Wayne Bank Bldg, Fort Wayne 2, Ind
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Enco Chem Corp, 441 Lexington Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Fiber Chem Corp, P O Box 218, Matawan, N J
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
R B Huber, 216 Tremont St, Boston 16, Mass
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Ross & Rowe, 50 Broadway, N Y 4
A E Staley Mfg Co, Box 151, Decatur 60, Ill
*Superior Materials, 120 Liberty St, N Y 6
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14

LEIOCUM see Dextrin

LEIPZIG YELLOW see Lead Chromate

LEMON CHROME see Barium Chromate

LENCOGEN see Sodium Bisulfite

LEPIDINE (4-Methylquinoline)

$C_{10}H_9N$. M.W. 143.08. Colorless oily liquid. B.P. 262°C. Sl. sol. water; miscible alcohol, benzene, ether. Decomposes in light.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

LEUCINE (α-Amino-Isocaproic Acid)

$(CH_3)_2CHCH_2CH(NH_2)COOH$. M.W. 131.11. White powder. Sol. water, glycerin, dilute HCl.

*Bios Labs, 17 W 60 St, N Y 23
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
European Chem Co, 366 Broadway, N Y 13
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Lack Chem Co, 19 Park Pl, N Y 7
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
E O Schaeffer Chem Co, 381 4 Ave, N Y
A E Staley Mfg Co, Box 151, Decatur 60, Ill
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Winthrop-Stearns, 1450 Broadway, N Y 18

LEVELING AGENTS, PAPER

Preparations for eliminating foam in the manufacturing of paper which causes pinheads in the finished sheet.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*E F Drew & Co, 416 Division St, Boonton, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

LEVELING AGENTS, TEXTILE

Products added to the dye bath to give evenness and greater penetration into the fabric, thereby improving the appearance and fastness of the finished textile.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Clarion Chem Corp, 17-31 George St, Newark 5, N J

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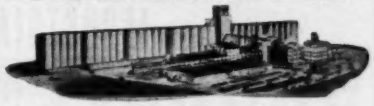
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DEPENDABLE SOURCES



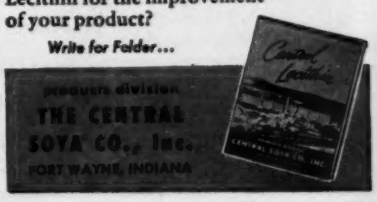
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A prime source of Lecithin...three great plants at your service. May our technicians help you in the use of Centrol Lecithin for the improvement of your product?

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

LEVELING AGENTS, TEXTILE, continued

*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*E F Drew & Co, 416 Division St, Boonton, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Haas Miller Corp, 4 & Birstol Sts, Phila 40, Pa
*Kall Mfg Co, 427 Moyer St, Phila 25, Pa
*Kessler Chem Co, State Rd & Cottman Ave, Phila 36, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

LEVULOSE (Fructose, Fruit Sugar)

$C_6H_{12}O_6$. Colorless needles. Sp. gr. 1.669. M.P. 104°C. Sol. water, alcohol, ether. Uses—as preservative; in medicine.
● Pkg—Bottles, drums.

*Blos Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

LEYDEN BLUE see Cobalt Blue

LIGNIN

Available as lignin sulphonate salts of various metals and as alkali lignin. Concentrated liquid and dry powder forms. Diversified uses.
● Pkg—70 lb. bags, 250 lb. drums.

*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

LIGNIN SULFONATE

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marathon Corp, Chem Div, Rothschild, Wis
Nopco Chem Co, Logan & Davis Sts, Harrison, N J

LIME ACETATE see Calcium Acetate

LIME, AGRICULTURAL

● Pkg—25, 50, 60, 100 lb. bags.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Austin White Lime Co, P O Box 53, Austin, Tex
*J M Baird & Co, 254 W 31 St, N Y 1
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Cutler-Magner Co, 1116 Fidelity Bldg, Duluth 2, Minn
*Gibsonburg Lime Products Co, Gibsonburg, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
*Mississippi Lime Co, Alton, Ill
*Moores Lime Co, P O Box 878, Springfield, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Western Lime & Cement Co, Milwaukee, Wis

LIME, HYDRATED (Calcium Hydroxide, Calcium Hydrate, Staked Lime)

A dry powder obtained by treating quicklime with water enough to satisfy its chemical affinity for water under the conditions of its hydration. It consists essentially of calcium hydroxide or a mixture of calcium hydroxide, magnesium oxide and magnesium hydroxide. Its principal chemical uses are in general the same as listed under lime (Quicklime). The A.S.T.M. specifications mentioned under quicklime also cover hydrated lime in most instances. Hydrated lime is shipped in numerous sizes of paper and cloth bags (50 pounds generally) and also in bulk to water treating plants and other users of large quantities. Regular and superfine terms are used to designate differences in the fineness or particle size of hydrated limes.
● Pkg—25, 50, 60, 100 lb. bags.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Aluminum Import Corp, 630 5 Ave, N Y 20
*Austin White Lime Co, P O Box 53, Austin, Tex
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Cutler-Magner Co, 1116 Fidelity Bldg, Duluth 2, Minn
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Gibsonburg Lime Products Co, Gibsonburg, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Calif
Merchants Chem Co, 60 E 42 St, N Y 17
*Mississippi Lime Co, Alton, Ill
*Moores Lime Co, P O Box 878, Springfield, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Ohio Hydrate & Supply Co, Woodville, Ohio
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Western Lime & Cement Co, Milwaukee, Wis
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Williams Lime Mfg Co, 902-4 Hamilton Bank Bldg, P O Box 2286, Knoxville, Tenn

LIME NITRATE see Calcium Nitrate

LIME PYROLIGNITE see Calcium Acetate

LIME, QUICKLIME

A calcined material, the major part of which is calcium oxide or calcium oxide in natural association with a lesser amount of magnesium oxide, capable of slacking with water. Contains also small quantities of silica, iron and aluminum oxides, and other impurities. Quicklime is produced by burning limestone or dolomite in shaft or rotary kilns. When exposed to the air for a considerable period of time, quicklime will absorb moisture and carbon dioxide. It first changes to calcium hydroxide, or hydrated lime, and later the exposed portion will unite with carbon dioxide from the air to form calcium carbonate, and thus the lime will lose some of its chemical activity for certain purposes. To prevent deterioration in storage quicklime is packed in steel drums or tight wooden barrels containing 180 or 280 lbs., and in waterproof multiwall paper bags or paper-lined burlap bags containing amounts of quicklime which vary among the different companies, usually about 80 lbs. Quicklime is shipped also in bulk. Its principal chemical uses include the following—as a fluxing agent, and for wire drawing, pickling, annealing, and pig casting in the iron and steel industry; for causticizing, and the manufacture of bleach, paper filler, by-products from waste liquor in the paper industry; as a softening agent, corrosion corrective, and for iron, color, and objectionable gas removal in water treatment; as an important ingredient in the maufacture of soda-lime glass; for dehairing hides in the leather industry; as a raw material in the manufacture of calcium carbide and calcium cyanamide; in the processing or manufacture of sand-lime brick; silica brick; sugar; insecticides, fungicides, and disinfectants; glue and gelatin; sodium bicarbonate and soda ash; paint pigments; varnish; lubricating greases; textiles; dyestuffs and intermediates; and for the treatment of sewage and trade wastes.
● Pkg—25, 50, 60, 100 lb. bags.

Aluminum Import Corp, 630 5 Ave, N Y 20
*Austin White Lime Co, P O Box 53, Austin, Tex
*Cutler-Magner Co, 1116 Fidelity Bldg, Duluth 2, Minn
*Gibsonburg Lime Products Co, Gibsonburg, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Louisville Cement Co, 501 S 2 St, Louisville 2, Ky
McKesson & Robbins, 155 E 44 St, N Y
*Mississippi Lime Co, Alton, Ill
*Moores Lime Co, P O Box 878, Springfield, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Smith Lime Flour Co, 535 Livingston St, Elizabeth 1, N J
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill
*Western Lime & Cement Co, Milwaukee, Wis
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Williams Lime Mfg Co, 902-4 Hamilton Bank Bldg, P O Box 2286, Knoxville, Tenn

LIME SALTPETER see Calcium Nitrate

LIME, SLAKED see Lime, Hydrated

LIME SULFUR

Summer fungicides and insecticides for fruit trees; of special value for control of scale; used in connection with other insecticides for the simultaneous control of chewing and sucking insects as well as certain fungus diseases; marketed both as a solution (33° Be.), or as a dry powder.

Gold Bond
INDUSTRIAL PRODUCTS

CHEMICAL LIME AND LIMESTONE

High Calcium Quick Lime, Hydrated Lime and Limestone produced at:

Bellefonte, Pa. • Kimballton, Va. • York, Pa.

Dolomitic Quick Lime, Hydrated Lime and Limestone produced at:

Gibsonburg, Ohio • Luckey, Ohio

for additional information write

Industrial Division
NATIONAL GYPSUM COMPANY
BUFFALO 2, NEW YORK

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Dow Chem Co, Midland, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Miller Products Co, Ft of S W Caruthers. Portland 1, Ore
*Thompson Hayward Chem Co, 2915 Southwest Blvd. Kansas City 8, Mo

LIME, VIENNA

Special type of lime, extremely amorphous in character, in contrast with the granular structure of most limes. Uses—in formulation of polishing and buffing compounds.

Charles B Chrystal, 53 Park Pl, N Y 7
L J & M La Place, Lellarts Lane, E Paterson, N J
*Moores Lime Co, P O Box 878, Springfield, Ohio
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

LIMESTONE see Calcium Carbonate

LINALOOL

$C_{10}H_{18}O$. M.W. 154.2. Colorless liq. B.P. 195-198°C. Slightly sol. water, sol. alcohol, ether. Uses—in perfumery in preparation of many floral odors.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

LINALYL ACETATE

$C_{12}H_{20}O_2$. M.W. 196.2. Colorless to slightly yellow liq. with oder of bergamot. B.P. 220°C. Slightly sol. water; sol. alcohol, ether. Uses—mfr. artificial bergamot oils.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*P R Dreyer, 113 W 19 St, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

LINALYL FORMATE

● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

LINALYL ISO BUTYRATE

● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

LINALYL PROPIONATE

● Pkg—Bottles.

*Dodge & Olcott, 180 Varick St, N Y 14
P R Dreyer, 113 W 19 St, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

LINDANE

● Pkg—2, 10, 50, 200 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
*Chipman Chem Co, Bound Brook, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill

LIME

Hi Calcium and Dolomitic
Quicklime and Hydrated Lime
Dolomitic and Hi Calcium Limestone
Fine Ground Dolomite
Fluxing Lime and Limestone

USG Reg. U.S. Pat. Off. UNITED STATES GYPSUM

UNITED STATES GYPSUM COMPANY
Industrial Division
300 W. Adams St. Chicago 6, Illinois

LINDANE

BASIC MANUFACTURERS AND FORMULATORS
• Technical
• Solutions
Emulsives, Powders

CIC

CHEMICAL INSECTICIDE CORP.
129 Montague St. B'klyn 1, N.Y. ULster 2-5200

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(99% gamma isomer)

white • odorless • crystalline

From our new Baton Rouge plant—a dependable and continuing source of supply.



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Richmond, California

World leader in scientific pest control
ORTHO® SCIENTIFIC PEST CONTROL

T.M.'S REG. U.S. PAT. OFF.: ORTHO

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

LITHIUM CARBONATE



APPLICATION

Ceramics: Enamels, enamel colors, glass and glazes.

Chemical Manufacturing: In the manufacture of lithium salts, the base for manufacturing lithium acetate, bromide, chloride, citrate, phosphate, salicylate, etc. Also, a starting point for the manufacture of various other lithium salts used in the food and drug field.

PACKING

Fiber drums—250, 100, 25 lbs. net weight.
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Chemicals for Industry

LITHIUM CHLORIDE
LITHIUM CARBONATE
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FORMIC ACID
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SODIUM SILICOFLUORIDE
WOOL GREASE
WOOL GREASE FATTY ACID

Write for Price Lists and Specifications.

EUROPEAN CHEMICAL CO., INC.
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Metal Hydrides INCORPORATED

LAH*

***LITHIUM ALUMINUM HYDRIDE**

A unique, powerful and specific reducing agent which will instantly reduce carbonyl compounds, esters, acid chlorides and acid anhydrides to alcohols. Carbon to carbon double bonds are generally not affected.

Technical Data Available

METAL HYDRIDES INCORPORATED
22 CONGRESS STREET • BEVERLY, MASS.

LINDANE, continued

*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*Ethyl Corp, 100 Park Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
White Cross Labs, 79 Wall St, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

LINNEN SEED see Oil, Linseed

LINSEED see Flax Seed

LINUM see Flax Seed

LIQUEFIED PETROLEUM GASES

Principal members of the group are: ethylene, propane, butane, isobutane, propylene, butylene. Butane is used for enriching water gas; as a base material for manufactured gas; in connection with butane-air distribution from central stations where manufactured or natural gas is not available. Propane is widely used for so-called "bottled service," for country residences, etc. Butane is used for commercial heating in plants. Ethane is sometimes used as a fuel. Ethylene is used for ripening fruit and as an anaesthetic. Propylene and butylene are used in organic synthesis.

*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

LIQUID CAMPHOR see Oil, Camphor

LITHARGE see Lead Oxide, Yellow

LITHIUM ACETATE

$Li(C_2H_3O_2).2H_2O$. M.W. 102.0. Rhombic white crystals. M.P. 70°C. Sol. water. Used as a diuretic and antirheumatic.
●Pkg—1, 5 lb. bottles, 25 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J

LITHIUM ALUMINATE

$LiAlO_2$. M.W. 65.9. M.P. less than 1625°C.
●Pkg—25, 100, 250 lb. drums.

*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM ALUMINUM HYDRIDE

*Metal Hydrides, 22½ Congress St, Beverly, Mass

LITHIUM AMIDE

$LiNH_2$. M.W. 22.96. White crystalline lumps or powder. Insol. in ethyl ether, benzene, toluene. Uses—claisen condensations; alkalation of nitriles, ketones; synthesis of ethinyl compounds, acetylenic carbinols.
●Pkg—25, 100, 250 lb. drums.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM BENZOATE

$LiC_7H_5O_2$. M.W. 128.05.
●Pkg—100 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

LITHIUM BORATE

$Li_2B_4O_7.5H_2O$. M.W. 259.2. A white powd. Sl. sol. water; insol. alcohol. Used as an antiseptic and in dental cements.
●Pkg—Drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM BOROHYDRIDE

*Metal Hydrides, 22½ Congress St, Beverly, Mass

LITHIUM BROMIDE

LiBr. M.W. 86.86. White, hygroscopic, granular powd. Use—air conditioning.
●Pkg—Bottles, 1, 2 x 50 lb. jars/case, 356, 600, 650 lb. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

LITHIUM CARBONATE

Li_2CO_3. Light, white, alkaline powd. Sp. gr. 2.111. Sol. acids; sl. sol. water; insol. alcohol. Uses—mfr. mineral waters; in medicine. Grades—tech.; N.F.V.; C.P.
●Pkg—25, 80, 100, 250 lb. drums, bbls.

*American Potash & Chem Corp, 122 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

LITHIUM

LITHIUM BENZOATE, N. F. Grade ● LITHIUM BORATE (Powdered), Technical Grade ● LITHIUM BROMIDE (Powdered), N. F. Grade and 53% Brine ● LITHIUM CARBONATE, Commercial & N. F. Grades ● LITHIUM CHLORIDE, Fused & 40% Brine ● LITHIUM CITRATE, N. F. Grade (Granular or Powdered) ● LITHIUM FLUORIDE (Fine white powder, purified) ● LITHIUM HYDROXIDE (Mono-hydrate 55% LIOH) ● LITHIUM NITRATE (A powdered technical and pure grade) ● LITHIUM STEARATE (A metal soap for use in grease and wax manufacture. Trade name LITHOLITE "A") ● LITHIUM SULPHATE, Technical Grade ● LITHIUM ORES (AMBLYGONITE, SPODUMENE & LEPIDOLITE)

Foote MINERAL COMPANY

FOOTE MINERAL COMPANY
409 EIGHTEEN WEST CHELTEN BLDG.
PHILADELPHIA 44, PENNA.

Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Kolon Trading Co, 15 Park Row, N Y 38
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

LITHIUM CHLORIDE

LiCl. M.W. 42.4. White crystalline powd. Sp. gr. 2.068. M.P. 613°C. Sol. water, alcohol, ether. Uses—mfr. mineral waters, pharmaceutical preparations, pyrotechnics; as photographic reagent; soldering aluminum; in medicine. Grades—tech.; C.P.
● Pkg—Bottles, drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J M Baird Co, 254 W 31 St, N Y 1
Chemical Service Corp, 82 Beaver St, N Y 5
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
Philipp Bros Chem, 37 Wall St, N Y 5
George F Smith, 60 E 42 St, N Y 17

LITHIUM CITRATE

$Li_3C_6H_5O_7.4H_2O$. Transparent, colorless granule or cryst. powd. Taste feebly alkaline; deliquescent on exposure to moist air. Sol. water; slightly sol. alcohol. Uses—mfr. mineral waters; in medicine. Grades—tech.; N.F.V.
● Pkg—25, 100 lb. drums, 225 lb. bbls.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

LITHIUM COBALTITE

$LiCoO_2$. M.W. 97.8. Blue-black powder. Insol. water. Uses—ceramics industry in ground coat enamels.
● Pkg—25, 100, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa

LITHIUM FLUORIDE

LiF. M.W. 25.94. Fluffy, white powder. Uses—mill addition in leadless pottery glazes; flux in glazes and glasses; flux in welding.
● Pkg—25, 100, 250 lb. drums.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
Chemical Service Corp, 82 Beaver St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Illinois Clay Products Co, Barber Bldg, Joliet, Ill
*Kawecki Chem Co, 220 E 42 St, N Y 17
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

LITHIUM HYDRIDE

LiH. M.W. 7.95. White, translucent, crystalline mass; brittle. M.P. 680°C. Insol. ethyl ether, benzene, toluene. Uses—drying agent; hydrogen generation; condensing agent.
● Pkg—Cans, cases, drums.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
George F Smith, 60 E 42 St, N Y 17

LITHIUM HYDROXIDE

$LiOH.H_2O$. M.W. 41.96.
● Pkg—25, 100, 250, 400 lb. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

LITHIUM MANGANITE

Li_2MnO_3. M.W. 116.80. Reddish-brown powder. Insol. water. Uses—ceramics industry in ground coat enamels.
● Pkg—50, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM, METAL

Li. At. Wt. 6.94. Silvery-white metal. Uses—in metallurgy as degasifier, deoxidizer, desulfurizer, general purifying agent; organic syntheses; analytical reagent for nitrogen in rare gases.
● Pkg—Cans/cases, drums.

*J M Baird & Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

LITHIUM CHLORIDE



APPLICATION

Chemical Manufacturing: Starting material for production of lithium metal through electrolysis of the fused chloride.
Heat Treating: Used for both salt bath and atmospheric, for lowering eutectic temperature.
Welding: Used in the manufacture of welding fluxes for aluminum and magnesium. Has marked affinity for the oxides of Aluminum and Magnesium, as well as considerable fluxing power.
Air Conditioning: Normally used as 40% brine for dehumidification, absorbing moisture from the air.
Dry Cell Batteries: For lowering operating temperatures.
PACKING—Technical powder: fiber drums—350, 100 and 25 lbs. net weight.
Brine: steel drums—550 lbs. net weight.
Write Dept. G. for Data Sheets

LCA LITHIUM CORPORATION OF AMERICA, INC.
RAND TOWER
MINNEAPOLIS 2, MINN.

LITHIUM HYDROXIDE



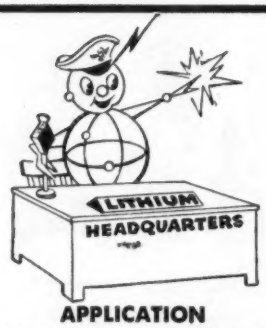
APPLICATION

Pharmaceutical And Chemical Manufacturing: A strong base, similar to sodium and potassium hydroxide. Used in preparation of other lithium salts where use of carbonate is not feasible. Used in the preparation of lithium soaps, greases and waxes.
PACKING: Steel drums—375, 100 and 25 lbs. net weight. No shipping regulations.
Write Dept. G for Data Sheets.
Rely on "L. C. A." as a dependable source of supply for Lithium in any form.

LCA LITHIUM CORPORATION OF AMERICA, INC.
RAND TOWER
MINNEAPOLIS 2, MINN.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

LITHIUM METAL



APPLICATION

METALLURGY: As a degasifier, deoxidizer, desulfurizer and general purifying agent.

Organic Chemistry: Organic synthesis of the Grignard type, particularly where the magnesium Grignard reacts sluggishly or in poor yield. Also used for the preparation of organometallic compounds of other metals.

FORMS—Cup . . . 1/5 lb. . . . Shot . . . 4-8 mesh . . . Extruded Rod . . . ½" & ⅜" dia. . . . Wire . . . ⅛" dia. . . . Ribbon . . . ¼" . . . Cartridge (encased in copper tubing) . . . 2.25, 4.50 & 9.0 gram.

PACKING—Metal drums under oil.
Write Dept. G for Data Sheets

LITHIUM CORPORATION OF AMERICA, INC.
RAND TOWER
MINNEAPOLIS 2, MINN.

LITHIUM HEADQUARTERS



. . . your best single source of supply for Lithium Salts and Lithium Metal in experimental or commercial quantities.

4 FACTORS Give "L. C. A." Strictest Product Control Over Quality Of Their Lithium Metal And Salts:

1. Company owned ore deposits and concentration facilities.
2. Complete chemical processing and electrometallurgical plant.
3. Extensive research facilities.
4. Exclusive attention to Lithium—its research, development, production and application—for industry.

Rely on "L. C. A." as a dependable source of supply for Lithium in any form. Our extensive ore deposits, concentration facilities and Lithium "know-how" make "L. C. A." your logical supplier for Lithium metal or salts.

LITHIUM CORPORATION OF AMERICA, INC.
RAND TOWER
MINNEAPOLIS 2, MINN.

LITHIUM, METAL, continued

*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM NAPHTHENATE

M.W. about 240. 3% metal. Amber semi-solid. Sol. water, hydrocarbons. Uses—electrolysis catalyst, resin stabilizer.

*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

LITHIUM NITRATE

$LiNO_3$. M.W. 69.0. Colorless crystals. M.P. 253°C. Sol. water. Uses—mfr. ceramics; pyrotechnics for red flares; artificial mineral waters. Grades—C.P.; tech.
●Pkg—100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM OXALATE

$Li_2C_2O_4$. M.W. 102.0. Colorless crystals, sol. water. Uses as an anticoagulant in blood analysis.
●Pkg—100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Maywood Chem Works, 100 W Hunter Ave, Maywood. N J

LITHIUM PERCHLORATE

$LiClO_4.3H_2O$. M.W. 160.45. Clear crystalline material. Uses—general lab. use. L. M.P. 95°C.; sol. water, alcohol.

City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

LITHIUM PERMANGANATE

$LiMnO_4.3H_2O$. M.W. 179.89. Very sol. water. Use—oxidizing agent.

*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill

LITHIUM SALICYLATE

$LiC_7H_5O_3$. M.W. 144.02. White or grayish-white, odor., sweetish powd. Deliq. in moist air. Uses—medicinal.
●Pkg—5, 25 lb. cartons, 25, 50, 100, 250 lb. drums, 300 lb. bbls.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11.
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Simpson Labs Div, 120 Wall St, N Y 5

LITHIUM m-SILICATE

Li_2SiO_3. M.W. 89.94. White powder. M.P. 1201°C. Insol. water. Uses—as a flux in enamels and glazes; in welding as a flux for electrode coatings.
●Pkg—Drums.

*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM STEARATE

A metal soap, insoluble in water. M.P. 217°C. Sp. gr. <1, pH 7 to 8, iodine No. 2 to No. 3, saponification number 209-210, white and odorless. Uses—in grease manufacture, cosmetics and as an oil soluble emulsifying and dispersing agent.
●Pkg—50 lb. cartons, 100 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*M W Hardy & Co, 141 Broadway, N Y 6
R B Huber, 216 Tremont St, Boston 16, Mass
Kolon Trading Co, 15 Park Row, N Y 38
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Philipp Bros Chem, 37 Wall St, N Y 5
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Joseph Turner & Co, Ridgfield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

LITHIUM SULFATE

$Li_2SO_4.H_2O$. M.W. 127.96.
●Pkg—100 lb. drums.

*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM TARTRATE

$Li_2C_4H_4O_6.H_2O$. M.W. 180.1. A white crystalline powder. Sol. water or alcohol. Used as an anti-rheumatic.
●Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Polychemical Co, 494 Huntspoint Ave, N Y 59

LITHIUM TITANATE

Li_2TiO_3. M.W. 109.78. White, fluffy powder. Insol. water. Uses—flux in titanium-bearing enamels; mill addition in vitreous and semi-vitreous glazes.
●Pkg—25, 100, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM ZIRCONATE

Li_2ZrO_3. M.W. 153.10. Creamy-white powdr. Insol. water. Uses—opacifier in cover coat enamels; flux in zirconium-opacified glasses, glazes and porcelains; opacifier in opaque glasses smelted at extreme temperature.
●Pkg—25, 100, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHIUM ZIRCONIUM SILICATE

●Pkg—25, 100, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metalloy Corp Div, 2560 Rand Tower, Minneapolis 2, Minn

LITHOPONE (Zinc Sulfide White, Sulfide White, Enamel White)

Mixture of $BaSO_4 + ZnS + ZnO$. White, crystalline mass or powd. Sp. gr. 4.30. Uses—mfr. flat and enamel wall paints, varnishes, marine paints, white leather, white printing ink, window shade cloth, face pwrs., cosmetics; as filler in textiles; pigment and filler in rubber compounding; pigment in linoleum and oilcloth. Grades—according to fineness and whiteness.
●Pkg—50 lb. bags.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Browning Chem Corp, 150 Broadway, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Commodities Corp, 11 Mercer St, N Y 13
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Legion Chem, 70 Wall St, N Y 5
Mutchler Chem Co, 258-259 Broadway, N Y
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
C J Osborn Co, 132 Nassau St, N Y 38
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
White Cross Labs, 79 Wall St, N Y

LIVER, CONCENTRATES, EXTRACTS & FRACTIONS

*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

LIVER OF SULFUR (Potassa Sulphurated, so called "Potassium Sulphide")

Mixture of potassium sulfides and thiosulfate containing not less than 12.8% sulfide as S. Uses—medicine, producing color effects on brass, bronze, nickel, gun metal, etc.
● Pkg—50, 175 lb. drums.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa

LIVER ORE see Mercury Sulfide, Red

LOGWOOD (Haematoxylum)

Heartwood of Haematoxylum campechanum. Habitat—Central America, West Indies. Sp. gr. 0.91. Uses—tanning leather; dyeing textiles; coloring in part wine; in medicine. Grades—sticks; chips.
● Pkg—Drums.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Dalton-Cooper, 200 W 34 St, N Y 1

LOGWOOD EXTRACT

Concentrated logwood liq. Sp. gr. 1.25. Uses—tanning leather; dyeing textiles. Grades—51% liq.; solid.
● Pkg—Bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Scher Bros, 519 Getty Ave, Clifton, N J

LUBRICANTS, CERAMIC MOLD

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

LUBRICANTS, CUTTING

Proprietary preparations used to cool high speed tools, in automatic pipe-threading machines, etc. See also Oils, Cutting (Soluble); Cutting Compounds; Oils, Cutting (Semi-Soluble).

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Grease Stick Co, Muskegon, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, EXTREME PRESSURE

Used as the lubricating medium in free-wheeling, synchromesh and hypoid worm gears in the automotive field.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Kano Labs, 1000 S Thompson Lane, Nashville 11, Tenn
*Kendall Refining Co, Bradford, Pa
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, GEAR

Preparations used on gears and pinions forming a cushion which silences, reduces friction to a minimum, and protects against dust, dirt and other foreign matter.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Kendall Refining Co, Bradford, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Penetone Co, Tenafly, N J
*Penola Oil Co, 15 W 51 St, N Y 19
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, GRAPHITE

Graphite suspended in oil by means of a stabilizing agent.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*American Grease Stick Co, Muskegon, Mich
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Kendall Refining Co, Bradford, Pa
*National Carbon Co Div, 30 E 42 St, N Y 17
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, GRINDING

Used in grinding operations to aid in prolonging the life of grinding wheels, increase speed of cutting, and impart a fine finish to the work.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, HALOCARBON

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

HOOKER®
FLUOROLUBES®
in pilot plant quantities
HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

Established 153 Years
AMERICAN DYEWOOD COMPANY
374 Main Street Belleville, N. J.
LOGWOOD
Leather — Wool — Cotton — Paper — Nylon

Fustic	Hematine	Osage Orange	Solid Quebracho Extract
Hypernic	Quercitron	Adcotan Extracts	Spray Dried Tanning Extracts
Sumac	Wattle Bark	Solid Wattle Extract	Hematoxylin Technical

NEW YORK COLOR & CHEMICAL CO.
(Div. American Dyewood Co.)

Dyestuffs	Sap Brown	Synthetic Tanning Agents
Pigments	Chemical Specialties	Guanidine Hydrochloride

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

LUBRICANTS, MOLD

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Chemical Development Corp, Endicott St, Danvers, Mass
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*English Mica Co, 79 Prospect St, Stamford, Conn
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kem Products Co, 227-229 High St, Newark 2, N J
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
Ross & Rowe, 50 Broadway, N Y 4

SILICONE LUBRICANTS

Dow Corning Silicone Fluids are notable for their relatively constant viscosity over a wide temperature range, heat stability, inertness, low volatility, high flash and fire points, low freezing points and water repellency. Dow Corning 200 Fluids are good lubricants for rubber, plastics and certain metal combinations in small synchronous motors, precision machinery and instruments. Dow Corning 550 and 710 Fluids are used as permanent lubricants for instruments, clocks and other devices operating at high and low temperatures.

Dow Corning Silicone Greases are characterized by exceptional heat stability and oxidation resistance, low bleed and evaporation, and freedom from gumming or sludging. Dow Corning 33 Grease is serviceable from —100° to 300°F. in ball bearings with speed factors up to 200,000; Dow Corning 44 from —40 to 400°F. in ball bearings with speed factors up to 225,000; Dow Corning 41 from —20 to 400°F. in ball bearings with speed factors up to 75,000. Dow Corning Stopcock Grease is designed for general laboratory use; Dow Corning High Vacuum Grease for ground glass joints in high vacuum systems; and Dow Corning Valve Seal A for pressure lubricated valves exposed to extreme temperatures and to a variety of chemicals.

DOW CORNING SILICONES

DOW CORNING CORP. MIDLAND, MICHIGAN

L A Salomon & Bro, 216 Pearl St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUBRICANTS, PLASTIC MOLD

Special lubricating mediums used on the steel molds or dies used in the plastics field to facilitate the removal of the finished product without injury.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Chemical Development Corp, Endicott St, Danvers, Mass
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
Ross & Rowe, 50 Broadway, N Y 4
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

LUBRICANTS, RUBBER

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*American Grease Stick Co, Muskegon, Mich
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Damon Chem Co, Box 774, Alliance, Ohio
*Dow Chem Co, Midland, Mich
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*English Mica Co, 79 Prospect St, Stamford, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Kem Products Co, 227-229 High St, Newark 2, N J
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*L Sonneborn Sons, 300 4 Ave, N Y 10

LUBRICANTS, RUBBER MOLD

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Atlas Powder Co, Wilmington 99, Del
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Dow Corning Corp, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*English Mica Co, 79 Prospect St, Stamford, Conn
*General Elec, Chem Div, Pittsfield, Mass
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Kem Products Co, 227-229 High St, Newark 2, N J
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
Ross & Rowe, 50 Broadway, N Y 4
L A Salomon & Bro, 216 Pearl St, N Y 38
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
*Jacques Wolf & Co, Passaic, N J

LUBRICANTS, SILICONE

*Anderson Labs, Weston, Mich
*Chemical Development Corp, Endicott St, Danvers, Mass
C B Coburn Co, 63 Market St, Lowell, Mass
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

LUBRICANTS, WOOL

*Antara Chem Div, 435 Hudson St, N Y 14
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J
*W A Wood Co, 40 Oliver St, Boston 10, Mass

LUCIDOL see Benzoyl Peroxide

LUGOL SOLUTION see Potassium Iodide

LUNAR CAUSTIC see Silver Nitrate

LUNAR CORNEA see Silver Chloride

2,4-LUTIDINE (2,4-Dimethylpyridine)

C_7H_9N. M.W. 107.15. Sp. gr. 0.929 at 25°/4°C. Refractive Inddex 1.4981 at 25°C. B.P. 158.3°C. Uses —synthesis of dyes, pharmaceuticals or other organic chemicals as a reactant or purifying agent.
●Pkg—1, 5, 55 gal. drums.
Arnlda Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Brothers Pharmacal Co, Orange, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

2,6-LUTIDINE (Dimethyl Pyridine)

$C_5H_3N(CH_3)_2$. M.W. 107. Sol. water, most common organic solvents. Uses—pharmaceuticals, resins, dyestuffs, rubber accelerators, insecticides.
*J M Baird & Co, 254 W 31 St, N Y 1
*Brothers Pharmacal Co, Orange, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

LYCOPODIUM

Vegetable sulfur. A dry, light yellow powder consisting of the inflammable spores of Lycopodium clavation, a club-moss. Uses—dusting powder, for coating pills, in brass foundries.
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

LYE see Soda, Caustic

LYSINE

$H_2N(CH_2)_4CH(NH_2)COOH$. M.W. 146.2. An amino acid present in certain protein foods required in human nutrition for growth and maintainance of health, weight, and nitrogen balance.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American Quinine Co, 15 William St, N Y 5
*Bios Labs, 17 W 60 St, N Y 23
European Chem Co, 366 Broadway, N Y 13
*Lack Chem Co, 19 Park Pl, N Y 7
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
E O Schaeffer Chem Co, 381 4 Ave, N Y

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The **C. P. Hall Co.**
CHEMICAL MANUFACTURERS
AKRON • LOS ANGELES • CHICAGO • NEWARK

The C.P.Hall Co. CHEMICAL MANUFACTURING

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

dl-LYSINE MONOHYDROCHLORIDE

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, du Pont Bldg, Wilmington 98, Del
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Winthrop-Stearns Special Chem Div, 1450 Broadway, N Y 18

MAGISTERY OF BISMUTH see Bismuth Subnitrate

MAGNESIA see Magnesium Oxide

MAGNESIA ALBA see Magnesium Carbonate

MAGNESIA ALBA LEVIS see Magnesium Carbonate

MAGNESIA USTA see Magnesium Oxide

MAGNESITE (Magnesium Carbonate)

$MgCO_3$. Natural, solid crystalline. Sp. gr. 3.02. Sol. hot hydrochloric acid. Uses—mfr. magnesia cements, refractive firebrick and furnace linings, Sorrel cement, magnesium salts, ferro-magnesium, epsom salts, metallic magnesium, carbon dioxide gas, refractory crucibles, plaster tiles, artificial stones lining metallurgical furnaces and cement kilns; in place of dolomite in steel making; whitening calcined; dead burned; periclase.
● Pkg—100 lb. bags.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*General Magnesite & Magnesia Co, Box 671, Norristown, Pa
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17

MAGNESIUM ACETATE

$Mg(C_2H_3O_2)_2 \cdot 4H_2O$. Colorless, deliq. cryst. Sp. gr. 1.45. Sol. water, alcohol. Uses—as disinfectant and deodorant; reserve in dyeing and printing textiles; in medicine.
● Pkg—Custom packed.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MAGNESIUM ALUMINUM SILICATE

*Smith Chem & Color Co, 55 John St, Bklyn, N Y
*R T Vanderbilt Co, 230 Park Ave, N Y

MAGNESIUM AMMONIUM o-PHOSPHATE see Magnesium Ammonium Phosphate

MAGNESIUM BENZOATE

$Mg(C_7H_5O_2)_2 \cdot 3H_2O$. M.W. 320.09. White powder. Loses $3H_2O$ 110°C. Sol. water.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

MAGNESIUM BROMIDE

$MgBr_2 \cdot 6H_2O$. M.W. 292.2. Colorless, very deliquescent crystals having a bitter taste. Sol. in water, slightly in alcohol. M.P. decomposes. Uses—mfr. various organic compounds; in medicine.
● Pkg—2 x 5 gal. jars/case.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Dow Chem Co, Midland, Mich
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y

MAGNESIUM CACODYLATE

$Mg(AsMe_2O_2)_2$. M.W. 334.26. A white powder. Sol. water. Use—instead of alkali arsenates in cases where cacodylates are preferred.
● Pkg—Drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
*Polychemical Co, 494 Huntspoint Ave, N Y 59

MAGNESIUM CALCIUM CHLORIDE see Calcium Magnesium Chloride

MAGNESIUM CARBONATE (Magnesia Alba, Magnesite, Magnesia Alba Levis)

$MgCO_3$. M.W. 84.32. White, crystalline powd. Sp. gr. 3.04. Decomposes at 350°C. Sol. dilute acids. Uses—mfr. magnesium salts, magnesia, carbon dioxide, fire-resistant paints, dry colors, printing ink, ceramics, glass, cosmetics, varnishes, tooth pastes, face pwrs., refractories, polishing and fire-proofing compositions, boiler scale compounds, acid-neutralizing fertilizers, mineral waters; in free-running table salts; heat insulating; electric furnace construction; as filler, paint pigment, paper, linoleum and oilcloth; pigment in rubber compounding; general filtering medium; in medicine. Grades—tech.; U.S.P., precipitated.
● Pkg—50 lb. bags, cartons, 65 lb. drums, 70 lb. bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*General Magnesite & Magnesia Co, Box 671, Norristown, Pa
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Marblehead Lime Co, 308 W Washington St, Chicago 6, Ill
*Marine Magnesium Div, P O Box 711, S San Francisco, Cal

MAGNESITE

Calcined or Crude

Domestic and Imported

All Types Can Be Furnished Unground and Ground To Meet Exacting Specifications

GENERAL MAGNESITE & MAGNESIA CO.

P. O. Box 671

NORRISTOWN, PA.

Berkshire

BERKSHIRE BCI CHEMICALS

MERCURIALS
ZIRCONIUM CHEMICALS
CARBAMATES
VANADIUM CHEMICALS
BORON
AGRICULTURAL MAGNESIA

Calcined Brucite (74% MgO)
"Emjeo" ® (80/82% Magnesium Sulphate)
Potnit ® (Crude 95% Nitrate of Potash)
Saltcake
Potassium Nitrate
Sodium Sulphate, Anhydrous
Epsom Salts
Barium Sulphate, USP., X-Ray
Barium Carbonate
Blanc Fixe
Sodium Perborate
Ammonium Persulphate
Potassium Persulphate
Barium Hydrate
Lead Cyanamide
Lead Nitrate
Barium Oxide
Sodium Antimonate
Barium Nitrate
Sodium Chlorite

® — Registered Trade Mark: F. W. Berk & Co., Inc.

BERKSHIRE CHEMICALS INC.
GRAYBAR BUILDING
420 Lexington Avenue, New York 17
LExington 2-5959 • "BERKSKEM" New York

HIGH QUALITY HEAVY CALCINED MAGNESITE

GOLWYNNE CHEMICALS CORPORATION
420 LEXINGTON AVE., NEW YORK 17, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

MAGNESIA

Magnesium Carbonate
Technical and U.S.P. Grades

•

Magnesium Oxide
Technical and U.S.P. Grades

Extra Light
The Original Neoprene Type

Light—Medium—Heavy

•

GENERAL
MAGNESITE & MAGNESIA CO.
P. O. Box 671
NORRISTOWN, PA.

For NEOPRENE COMPOUNDING

MAGLITE-M*
(Magnesium Oxide)

- Better acid acceptance
- Better anti-scorch properties
- Better uncured stock life
- Safer tubing at higher die temperatures
- Faster tubing and wire covering
- Better molding characteristics
- Excellent curing aid

MAGLITE-D
All the advantages of MAGLITE-M with these added characteristics

- Higher magnesium oxide content
- Easier incorporation into neoprene
- Less dust

*Produced by Marine Magnesium Products Division of Merck & Co., Inc., from sea water by patented process.

Call on Whittaker "The Talc House"
WHITTAKER CLARK & DANIELS, INC.
Processing Dept. Y
260 West Broadway
New York 13, N. Y.
IN CANADA
Richardson Agencies, Ltd.
414 King St. W. Toronto

MAGNESIUM CARBONATE, continued

McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
M W Parsons-Plymouth, 59 Beekman St, N Y 38
Philipp Bros Chem, 37 Wall St. N Y 5
Reheis Co, Snyder Ave, Berkeley Heights, N J
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
L A Salomon & Bro, 216 Pearl St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shieldalloy Corp Div, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
O J Weeks Co, 44 N Moore St, N Y 13
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

MAGNESIUM CARBONATE see Magnesite

MAGNESIUM CHLORIDE

a. $MgCl_2$. b. $MgCl_26H_2O$. Colorless or white, deliq. cryst. Sp. gr. a. 2.325. b. 1.569. M.P. a. 712°C. b. Loses water at 118°C. B.P. a. At red heat. b. Decomposes. Sol. water, alcohol. Uses—mfr. ceramics, magnesia cements, lignolite, xylonite, hydrochloric acid, magnesium salts, magnesia, artificial flooring and fire extinguishing compositions, stucco, paper, beer, refrigerating brines; as thread lubricant; textile size; oxidizing catalyst; chilling drilling tools; dressing and filling cottons and woolens; dyeing textiles; carbonizing wool; fireproofing wood; treating mine timbers and railroad ties.
● Pkg—100 lb. bags, 400 lb. drums.

Aluminum Import Corp, 630 5 Ave, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
George Uhe Co, 76 9 Ave, N Y 11
Charles A Wagner Co, 813 Callowhill St, Phila 25, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17

MAGNESIUM CHROMATE

$MgCrO_4.7H_2O$. M.W. 266.44. Yellow, rhombic crystals. Sp. gr. 1.695. Loses $3H_2O$ at 120°C. Sol. water.
● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11

MAGNESIUM DIOXIDE see Magnesium Peroxide

MAGNESIUM FLUORIDE

MgF_2. M.W. 63.32. White, crystalline powd. Sp. gr. 3.0. M.P. 1396°C. Sol. nitric acid; insol. water. Uses—mfr. glass; as flux in ceramics. Grades—tech.; C.P.
● Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*City Chem Corp, 132 W 22 St, N Y 11
Henry Sundheimer Co, 103 Park Ave, N Y 17

MAGNESIUM FLUOSILICATE see Magnesium Silicofluoride

MAGNESIUM GLUCONATE

$Mg(C_6H_{11}O_7)_2.2H_2O$. Odorless, practically tasteless white powder. Sol. water. Uses—medicinal.
● Pkg—1 lb. cans, 5, 25 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MAGNESIUM GLYCEROPHOSPHATE

$MgPO_4C_3H_5(OH)_2$. M.W. 194.43. White, odorl. powd. Sol. water, insol. alcohol. Uses—medicine.
● Pkg—5 lb. cartons, 25 lb. boxes, 100 lb. drums, kegs, 200 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Conray Products Co, 510 Ave of the Americas, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

MAGNESIUM GUAIACOL SULFONATE

● Pkg—25, 50, 100 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17

MAGNESIUM HYDRATE see Magnesium Hydroxide

MAGNESIUM HYDROXIDE (Magnesium Hydrate, Brucite)

$Mg(OH)_2$. White powd. or cryst. Sp. gr. 2.36. Decomposes on heating. Sol. solutions of ammonium salts; slightly sol. water. Uses—mfr. magnesium oxide. Sorrel cement; sugar refining; in medicine. Grades—tech.; medicinal.
● Pkg—40 lb. bags, 100 lb. drums, 190 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Marine Magnesium Div, P O Box 711, S San Francisco, Cal
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Reheis Co, Snyder Ave, Berkeley Heights, N J
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

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420 LEXINGTON AVE., NEW YORK 17, N. Y.

MAGNESIUM HYPOPHOSPHITE

$Mg(H_2PO_2)_2.6H_2O$. M.W. 262.5. Colorless crystals. Sol. water. Used as a tonic.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

MAGNESIUM IODIDE

● Pkg—1, 5 lb. bottles.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

*Company classifies itself as manufacturer or producer of this product
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MAGNESIUM LACTATE

$Mg(C_3H_5O_3)_2.3H_2O$. White crystals, bitter taste. Uses—medicinal.

*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Kingston Chem Co, 15 William St, N Y 5
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MAGNESIUM, METAL

Mg. Silvery,, malleable metal, moderately hard fibre. Burns with an intense white heat. Sp. gr. 1.69-1.75. M.P. 650°C. B.P. 1110°C. Sol. acids; insol. water. Uses—mfr. flashlight pwrs., ribbon flash sheets, pyrotechnics, magnesium salts, hydrogen, ceramics, organic chemicals, optical mirrors, intermediate chemicals, dyes, printing plates, precision and scientific instruments, automobile and airplane parts, electric batteries; as zinc substitute; desulfurizer; in refining nickel alloys; dioxidizing brass and bronze alloys. Grades—powd.; sticks; wire; ribbon.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Dow Chem Co, Midland, Mich
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Merck & Co, Rahway, N J

MAGNESIUM NAPHTHENATE

M.W. about 470. 5% metal. Amber solid; swells in hydrocarbons. Uses—pigment bender and waterproofer; lube oil additive.

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MAGNESIUM NITRATE

$Mg(NO_3)_2.6H_2O$. M.W. 256.43. Clear, colorless, deliq. cryst. Sp. gr. 1.464. M.P. 95°C. Sol. water, alcohol. Uses—mfr. pyrotechnic compositions. Grades—tech.; C.P.
● Pkg—Custom packed.

*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa

MAGNESIUM OLEATE

$Mg(C_{18}H_{33}O_2)_2$. M.W. 586.83. Yellowish, oily mass. Sol. alcohol, ether, oils; insol. water. Uses—as varnish drier; preventing spontaneous ignition of benzine in cleaning plants.

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MAGNESIUM OXALATE

$Mg(OOC)_2.2H_2O$. M.W. 148.4. Colorless crystals. Sol. water; insol. alcohol. Used in organic synthesis.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10

MAGNESIUM OXIDE (Magnesia, Periclase, Ponderous Magnesia, Calcined Magnesia, Magnesia Usta)

MgO. M.W. 40.32. White powd. Sp. gr. 3.65. M.P. 2800°C. Sol. acids, ammonia salts. Uses—mfr. ceramics, magnesia cements, Sorrel cement, refractories, crucibles, powdered oils, furnace linings, open hearth steel furnaces, pipe coverings, paper, heat insulating compositions and preparations, fire-proofing compositions, face pwrs., toilet preparations, mineral waters, paints, varnishes, fertilizers; in platinum substitutes; copper smelting; dry cleaning fabrics; as rubber filler; fat splitting agent; in medicine; polishing medium. Grades—U.S.P. C.P.; tech.; light; heavy.
● Pkg—Bags, drums, cartons.

Aluminum Import Corp, 630 5 Ave, N Y 20
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
John A Chew, Inc, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
*General Elec, Chem Div, Pittsfield, Mass
*General Magnesite & Magnesia Co, Box 671, Norristown, Pa
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

Baker CHEMICAL

MAGNESIUM OXIDE, U.S.P.
MAGNESIUM OXIDE NEOPRENE GRADE
MAGNESIUM CARBONATE U.S.P.
MAGNESIUM CARBONATE TECHNICAL
MAGNESIUM HYDROXIDE, N.F.
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Westvaco produces a wide variety of magnesias from seawater. Extreme flexibility of plant facilities allows the production of "custom-built" Magnesias suited to new applications.
ADSORPTIVE (Powdered and Granular, various activities)
CHEMICAL, CHLORIDE FREE, INSULATION, ELECTRICAL FUSION, OXYCHLORIDE CEMENT & RAYON GRADES • PERICLASE — For Refractory Applications

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MAGNESIUM CHLORIDE, Liquid and Flake

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MAGNESIUM OXIDE, continued

*Marine Magnesium Div, P O Box 711, S San Francisco, Cal
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N. Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Reheis Co, Snyder Ave, Berkeley Heights, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

MAGNESIUM PERCHLORATE

$Mg(ClO_4)_2$. M.W. 223.23. Anhydrous white crystalline material. Uses—dehydrating agent. L. Sol. water.
●Pkg—Bottles, 25 lb. tins.

City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

MAGNESIUM
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●
Mfrs. Sales Agents
HENRY SUNDHEIMER CO.
103 Park Ave. New York 17, N. Y.
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MUrray Hill 5-4214; 4215

MAGNESIUM PERHYDROL see Magnesium Peroxide

MAGNESIUM PERMANGANATE

$Mg(MnO_4)_2.6H_2O$. M.W. 370.3. A granular dark blue mass which is soluble in water. Uses—antiseptic; syntheses.

*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill

MAGNESIUM PEROXIDE (Magnesium Perhydrol, Magnesium Dioxide, Magnesium Superoxide)

MgO_2. White powd. Decomposes on heating. Sol. acids; almost insol. water. Uses—general bleaching and oxidizing agent; bleaching woolens and silks; in medicine. Grades—tech.
●Pkg—25, 100, 200 lb. drums.

*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Merck & Co, Rahway, N J

MAGNESIUM PHOSPHATE (Tri Magnesium Phosphate, Neutral Magnesium Phosphate)

$Mg_3(PO_4)_2.4H_2O$. M.W. 335.06. Colorless monoclinic cryst. powd. Insol. water. Uses—largely pharmaceutical as an anti-acid. Grades—tech.
●Pkg—100, 200, 300 lb. bbls., drums.

J M Baird Co, 254 W 31 St, N Y 1
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

MAGNESIUM POWDER

In finely divided form can be ignited and burns with an intense white light. Sol—acids; Insol—water. Uses—Pyrotechnics; photographic flash light powder, metallurgy; intense signal light; in organic synthesis; Grignard Reagent.
●Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Chemical Service Corp, 82 Beaver St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
*Dow Chem Co, Midland, Mich
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Hummel Chem Co, 90 West St, N Y 6
*Magna Mfg Co, 4 Ave, Haskell, N J
*Merck & Co, Rahway, N J
*Metals Disintegrating Co, Elizabeth B, N J
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J

MAGNESIUM RESINATE

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MAGNESIUM RICINOLEATE

Coarse, yellow granules. Odorless, or having only a slight odor of fatty acid. M.W. 614; M.P. 98°C; Bulk Density .43 gr/cc; Sp. Gr. 1.03 @ (25°/25° C). Uses: thickening agent, flatting agent; cosmetics.
●Pkg—50 lb. bags.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

MAGNESIUM SALICYLATE

$Mg(C_7H_5O_3)_2.4H_2O$. M.W. 370.53. Colorl. or slightly reddish, effluores., cryst. powd. Sol. water, alcohol. Uses—medicine.
●Pkg—5, 25 lb. cartons, 25, 50, 100, 200 lb. drums, bbls.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MAGNESIUM SILICATE (Talcum)

$MgSiO_4$. Fine white powd. Insol. Uses—mfr. ceramics, glass refractories; as bleaching agent for oils; filler in paints, varnishes, lacquers and rubber; in medicine. Grades—tech.; C.P.
●Pkg—50 lb. bags, 100 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Charles B Chrystal, 53 Park Pl, N Y 7
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Johns-Manville, 22 E 40 St, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Westvaco Chem Div, 161 E 42 St, N Y 17
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

MAGNESIUM SILICOFLUORIDE (Magnesium Fluosilicate)

$MgSiF_6$. M.W. 166.38. White crystalline powder. Sol. in water. Uses—mfr. ceramics; hardening and waterproofing concretes. Grades—tech.: cryst., 30% solution.
●Pkg—100, 200, 350, 400 lb. drums, bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Conray Products Co, 510 Ave of the Americas, N Y 11
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St. Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

MAGNESIUM STEARATE (Dolomol)

$Mg(C_{18}H_{35}O_2)_2$. Soft, white, light powd. Sol. hot alcohol; insol. water. Uses—mfr. stearic acid; drier in paints and varnishes; in medicine. Grades—tech.
●Pkg—25, 50 lb. bags, cartons.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Adams-Henry Chem Co, 32 Broadway, N Y 4
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Hammill & Gillespie, 225 Broadway, N Y 7
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Reheis Co, Snyder Ave, Berkeley Heights, N J
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
George F Smith, 60 E 42 St, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

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(U. S. P. AND TECHNICAL)
Ferric Chloride Ferrous Chloride Magnesium Chloride
DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.
THE DOW CHEMICAL COMPANY
MIDLAND • MICHIGAN
Dow

*Company classifies itself as manufacturer or producer of this product
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MAGNESIUM SULFATE (Epsom Salts, Kieserite, Sal Catharticum, Bitter Salts)

$MgSO_4 + 7H_2O$. M.W. 246.49. Colorless crystalline needles or dry powd. Sp. gr. 1.68. Decomposes on heating. Sol. water, alcohol. Uses—mfr. motion picture snow, dry colors, printing inks, cosmetic lotions, frosted papers, mineral water, ceramics, matches, explosive compositions; as mordant assist in dyeing and printing textiles; in fertilizers; fireproofing and waterproofing fabrics; sizing paper; warp sizing and weighting cottons; loading silks; standardizing dyes; tanning leather; in medicine. Grades—tech.; C.P.; U.S.P.; crystal; granulated; dried.
● Pkg—12 x 5 lb. cartons/case, 100 lb. bags, 100, 275 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Cornwell Chem Corp, 24 E 38 St, N Y
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Henry Sundheimer Co, 103 Park Ave, N Y 17
*F H Taussig, 175 W 76 St, N Y 23
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
White Cross Labs, 79 Wall St, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

MAGNESIUM SUPEROXIDE see Magnesium Peroxide

MAGNESIUM THIOSULFATE

$MgS_2O_3.6H_2O$. M.W. 244.53. White rhombic crystals. Use—medicinal.
● Pkg—Drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MAGNESIUM TITANATE

*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

MAGNESIUM TRISILICATE

An extremely fine, soft, powder. Uses—mfr. pharmaceutical tablets for antacid and adsorbent usage.
● Pkg—25, 75, 100 lb. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Reheis Co, Snyder Ave, Berkeley Heights, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Whittaker, Clark & Daniels, 260 Broadway, N Y 13

MAGNETIC IRON OXIDE see Iron Oxide

MALACHITE (Artificial) see Copper Carbonate

MALAYAN CAMPHOR see Borneol

MALEIC ANHYDRIDE (Toxilic Anhydride)

$C_4H_2O_3$. M.W. 98. Small white needle cryst. or fused material. M.P. 57°C. Sol. benzine hydrocarbons, acetone, ethyl ether, chloroform. Uses—mfr. synthetic resins, dye intermediates.
● Pkg—Flakes—175 lb. drums, Lumps—200 lb. drums, Solid—575 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Bergstrom Trading Co, 233 Broadway, N Y 7
Chematar Inc, 40 Exchange Pl, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

MALEICS, MODIFIED RESINS

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

MALONIC METHYL ESTER NITRILE see Methyl Cyano Acetate

MALONIC MONONITRILE see Acid, Cyanoacetic

MALONONITRILE (Methylene Dicyanide)

$CH_2(CN)_2$. M.W. 66.06. Colorless crystals. Use—medicinal.
● Pkg—Custom packed.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

MALONYL UREA see Acid, Barbituric

MALTOSE (Maltsugar, Glucose-a-Glucoside)

$C_{12}H_{22}O_{11}.H_2O$. M.W. 360.2. A dextro disaccharide obtained from malt and starch. Colorless crystals. Sol. water or alcohol. Used in bacteriol. nutrient and as a sweetening agent, and is fermentable, being an intermediate formed in brewing, distilling and vinegar mfr.
● Pkg—Bottles, drums.

*Bios Labs, 17 W 60 St, N Y 23
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

MANDIOC see Tapioca Flour

MANGANESE ACETATE (Manganous Acetate)

$Mn(C_2H_3O_2)_2.4H_2O$. Pale-red cryst. Sp. gr. 1.6. Sol. water, alcohol. Uses—mfr. bister; mordant in dyeing textiles—chemical catalyst; boiled oil, paint and varnish drier; tanning and finishing leather; in fertilizers. Grades—tech.; C.P.
● Pkg—Custom packed.

*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

MANGANESE BINOXIDE see Manganese Dioxide

MANGANESE BORATE (Manganous Borate)

$Mn_3B_4O_7$. M.W. 297.1. White powder, not soluble in water. Uses—drier in varnishes and boiled oil. Grades—tech.; C.P.
● Pkg—150, 250 lb. drums.

*General Metallic Oxides Co, 164 1 St, Jersey City 2, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa

MANGANESE CARBONATE (Manganese White, Dialozite)

$MnCO_3$. M.W. 114.93. Fine, light-brown powd. Sp. gr. 3.125. Decomposes on heating. Sol. dilute acids. Uses—mfr. manganese salts, as pigment in paints and varnishes; in fertilizers; in medicine. Grades—tech.; C.P.
● Pkg—350 lb. drums.

TAM
ZIRCONIUM TITANIUM PRODUCTS
Registered U. S. Pat. Off.

ELECTRICAL TITANATES

BARIUM TITANATE
BARIUM STRONTIUM TITANATE
CALCIUM TITANATE
MAGNESIUM TITANATE
STRONTIUM TITANATE
H. G. TITANIUM OXIDE

TITANIUM ALLOY MFG. DIVISION
National Lead Company
111 Broadway, N.Y.C.
Plant: Niagara Falls, N. Y.

Barclay Chem Co, 75 Varick St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
Oil & Chem Products, 295 Madison Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

MANGANESE CHLORIDE

$MnCl_2.4H_2O$. M.W. 197.91. Rose-red, deliq. cryst. Sp. gr. 2.01. M.P. 58°C. Sol. water; slightly sol. alcohol. Uses—mfr. dyes, chrome brown, electric batteries, fertilizer compositions, brown pigment; as catalyst in making intermediates; mordant in dyeing and printing textiles; paint and varnish drier; in medicine. Grades—tech.; recrystallized; C.P.
● Pkg—Custom packed.

Chemical Service Corp, 82 Beaver St, N Y 5
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17

MANGANESE DIOXIDE (Manganese Peroxide, Black Oxide of Manganese, Manganese Binoxide, Battery Manganese, Glass-Makers' Soap)

MnO_2. Green, amorp. powd. Sp. gr. 5.026. M.P. 390°C. Decomposes at 535°C. Sol. hydrochloric acid. Uses—mfr. oxygen, chlorine, Javel water, bleaching powd., manganates, permanganates, electric dry cells and batteries, brown glazes for ceramics and colored enamels for potteries, alloy steels, enameled iron ware, fertilizer compositions, pyrotechnics, match head and match box striking surface compositions, manganese, linoleate and resinate driers for paints and varnishes; as depolarizer in electricity; oxidizing agent in making synth. dyes, intermediates, organic chemicals, pharmaceuticals, purpurin, benzoic acid, benzaldehyde, hydroquinone; general oxidizing agent for various purposes; dyeing cottons in khaki colors; printing textiles; removing iron from water; drying oils; rubber compounding; neutralizing yellow iron color in glass; coloring glass; in medicine. Grades—as to percentage of MnO_2; lump; granulated; powdered; C.P.
● Pkg—100, 400, 500 lb. drums, 850, 900 lb. bbls.

*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

MANGANESE DIOXIDE, continued

*Carus Chem Co, 1375 8 St, La Salle, Ill
Charles B Chrystal, 53 Park Pl, N Y 7
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*General Metallic Oxides Co, 164 1 St, Jersey City 2, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Selling Corp, 122 E 42 St, N Y 17
*Laboratory Equipment Corp, St Joseph, Mich
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

MANGANESE 2-ETHYLHEXOATE

$Mn[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 341.3. Brown amorphous solid. Uses—as a drier in paints and varnishes.

*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MANGANESE GLUCONATE

$Mn(C_6H_{11}O_7)_2.2H_2O$. Light pink powder or coarse pink granules. Uses—medicinal. Cont.—cans, fiber drums.
●Pkg—1, 5 lb. cans, 25 lb. drums.
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

MANGANESE GLYCEROPHOSPHATE

$MnC_3H_7O_2PO_4$. M.W. 225.04. White or slightly reddish, odorl. powd. Sol. acids, slightly sol. water. Insol. alcohol. Uses—medicine.
●Pkg—5 lb. cartons, 25 lb. boxes, 25, 100 lb. drums, 200 lb. bbls.
Barclay Chem Co, 75 Varick St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

MANGANESE HYPOPHOSPHITE

$Mn(H_2PO_2)_2.H_2O$. Pink crystals or powder. Sol. water. Insol. alcohol. Grades—technical; N.F. Uses—medicine. Shipping regulations—none.
●Pkg—25, 50, 100 lb. drums.
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MANGANESE LINOLEATE

$Mn(C_{18}H_{31}O_2)_2$. Dark-brown masses. Sol. hot linseed oil. Uses—manuf. pharmaceuticals; drier in paints and varnishes. Grades—tech.
●Pkg—100 lb. kits, 55 gal. drums.
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MANGANESE, METAL

Mn. Steel gray hard brittle lumps. Sp. gr. 7.20. M.P. 1260°C. B.P. 1900°C. Sol. dilute acids. Uses—mfr. manganese steel; in various alloys; in ceramics.
●Pkg—500, 900 lb. bbls., drums.
*J M Baird & Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*General Metallic Oxides Co, 164 1 St, Jersey City 2, N J
*Hummel Chem Co, 90 West St, N Y 6
*Nopel Corp, 2 Broadway, N Y 4

MANGANESE NAPHTHENATE

M.W. about 515. 11% metal. Brown solid; sol. hydrocarbons, vegetable oils, varnishes. Use—paint dryer.
●Pkg—15, 55 gal. drums.
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

MANGANESE NITRATE

$Mn(NO_3)_2 + 6H_2O$. Pink, deliq. cryst. Sp. gr. 1.82. M.P. 25.8°C. B.P. 129°C. Decomposes 230°C. Sol. water. Uses—mfr. manganese dioxide, intermediate; coloring ceramics.
●Pkg—Bottles, carboys.
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Seaboard Industries, 195 Keen St, Paterson, N J

MANGANESE OLEATE

$Mn(C_{18}H_{33}O_2)_2$. Brown, granular mass. Sol. ether, oleic acid. Slightly sol. alcohol. Uses—in varnishes.
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

MANGANESE OXALATE

$MnC_2O_4 + 2H_2O$. White, crystalline powd. Sp. gr. 2.45. Decomposes at 150°C. Slightly sol. water. Uses—mfr. manganous oxide; as drier for paints, enamels and varnishes.
J M Baird Co, 254 W 31 St, N Y 1

MANGANESE OXIDE see Manganous Oxide

MANGANESE PEROXIDE see Manganese Dioxide

MANGANESE PROTOXIDE see Manganous Oxide

MANGANESE RESINATE

Mn $(C_{20}H_{29}O_2)_4$. Brownish-black, resin-like masses of flesh colored, amorp. powd. Sol. hot linseed oil, chloroform. Uses—drier paints, varnishes, boiled oil. Grades—tech.
●Pkg—55 gal. drums.
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*J Meyer & Sons, 4321 N 4 St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

MANGANESE STEARATE

$Mn(C_{18}H_{35}O_2)_2$. Pink Powder, Melting Point 100-110°C. Mol. wt. 621. Ash 13.4, Solubility, Insol. in polar liquids, partly sol. in petroleum oils and forms gels with aromatic and aliphatic hydrocarbons. Packaging, 50 pound cartons. Uses—wax and grease compounding. As stearic soap for gramaphone records, insulators, vanishing cream and cosmetics.
●Pkg—50 lb. cartons.
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
R B Huber, 216 Tremont St, Boston 16, Mass
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

MANGANESE SULFATE (Manganous Sulfate)

a. $MnSO_4$ (anhydrous). b. $MnSO_4.4H_2O$. (tetrahydrate). Pale rose-red, efflorescent prisms of powd. Sp. gr. a. 3.25; b. 2.11. Decomposes on heating and remains stable between 18 and 30°C. Sol. water. Uses—mfr. manganese salts, ceramics, red glazes for potteries and porcelains, chrome brown and other synthetic dyes, paper, fertilizer compositions; mordant in dyeing and printing textiles; general oxidizing agent; drier for paints, varnishes and boiled oil; in oxalate and borate driers; in medicine. Grades—tech.; C.P.
●Pkg—50, 100 lb. bags, 500 lb. drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Bergstrom Trading Co, 233 Broadway, N Y 7
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
*City Chem Corp, 132 W 22 St, N Y 11
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*General Metallic Oxides Co, 164 1 St, Jersey City 2, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

MANGANESE TALLATE

Manganese salt of tall oil (a mixture of acids derived from pine tree) of varying composition. Uses—as a drier in paints and varnishes.
●Pkg—100, 400, 430 lbl. drums.
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

MANGANESE TITANIUM

J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

MANGANESE WHITE see Manganese Carbonate

MANGANOUS ACETATE see Manganese Acetate

MANGANOUS BORATE see Manganese Borate

MANGANOUS OXIDE (Manganese Oxide, Manganese Protoxide)

MnO. Grass-green powd. Sp. gr. 5.09-5.18. Melts at white heat. Sol. acids. Uses—mfr. dry batteries, potteries, porcelains, colored glass, paper; as chemical catalyst; drier in paints and varnishes; assist in printing and dyeing textiles; tallow bleaching; in medicine. Grades—tech.
●Pkg—500 lb. drums, 900 lb. bbls.
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
City Chem Corp, 132 W 22 St, N Y 11
*General Metallic Oxides Co, 164 1 St, Jersey City 2 N J

MANGANOUS SULFATE see Manganese Sulfate

MANGROVE EXTRACT

Extract of Mangrove bark containing 25% tannin. Uses—tanning leather. Grades—liq. and solid (cutch).
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Dalton-Cooper, 200 W 34 St, N Y 1
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

MANILA ELEMI see Gum, Elemi

MANIOCA see Tapioca Flour

MANNIDES see Mannitol Esters

MANNITANS see Mannitol Esters

MANNITE see Mannitol

MANNITOL (Mannite)

$CH_2OH(CHOH)_4CH_2OH$. Fine white crystals. M.P. 166-167°C. B.P. 290-295°C. at 3-3½ mm. Sp. gr. 1.487. Non-hygroscopic. Sol. water; sl. sol. lower alcohols and amines; insol. most organic solvents.
●Pkg—1, 12 gal., 50 lb. drums.
*Atlas Powder Co, Wilmington 99, Del
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

MANNITOL BORATE

*Atlas Powder Co, Wilmington 99, Del
*Bios Labs, 17 W 60 St, N Y 23

MANNITOL ESTERS (Mannides, Mannitans, etc.)

*Atlas Powder Co, Wilmington 99, Del
*Bios Labs, 17 W 60 St, N Y 23

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

MANNITOL HEXANITRATE (Hexanitro Mannite, HNM)

$C_6H_8(ONO_2)_6$. Colorless crystals. M.P. 106.5-107°C. Ignition Temp. 215-225°C. Sol. alcohol, acetone, ether: insol. water.

*Atlas Powder Co, Wilmington 99, Del
*Bios Labs, 17 W 60 St, N Y 23
R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

MANNOSE

$CH_2OH(CHOH)_4CHO$. M.W. 180.1. A hexose or fermentable monosaccharide and isomer of glucose, occurring in two optically active forms and obtained from manna.
● Pkg—Bottles, drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill

MARANTA see Arrowroot

MARBLE DUST see Calcium Carbonate

MARBLE FLOUR

*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Hammill & Gillespie, 225 Broadway, N Y 7
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

MARS YELLOW see Iron Oxide, Yellow

MARSH GAS see Methane

MASSICO see Lead Oxide, Yellow

MASTICHE see Gum, Mastic

MASTIX see Gum, Mastic

MEADOW GREEN see Copper Acetoarsenite

MEAT CURING COMPOUNDS

Preparations which foster the development of a rich, red color; an attractive flavor, and inhibit spoilage.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Solvay Process Div, 61 Broadway, N Y 6

MECCA see Shellac

MECCA GALLS see Nutgalls

MELAMINE

$C_3N_3(NH_2)_3$. A trimer of cyanamide. Mol. wt. 126. M.P. 354°C. Sp. gr. d_{25} 1.57. Solubility in water, 0.5% at 25°C., 5.5% at 90°C. Insoluble in inert organic solvents. Difficultly soluble in polar solvents. Uses—for synthetic resins and chemical synthesis.
● Pkg—80 lb. bags.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

MELANILINE see Diphenyl Guanadine

MENADIONE see Vitamin K

MENAPHTHENE see Vitamin K

MENTHOL, NATURAL

$C_{10}H_{19}OH$. Peppermint, crystalline white solid. Sp. gr. 0.890; M.P. 44.5°C.; B.P. 215.5°C. Sol. alcohol, ether, very slightly in water. Uses—food preparations, confectionery, candy, cosmetics, in medicine, etc. Grades—U.S.P. Cont.—cases (tins). See also Menthol, Synthetic, Chemicals Section.
● Pkg—1, 5 lb. tins.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
Consumers Products Co, 99 Hudson St, N Y 13
Paul A Dunkel & Co, 1 Wall St, N Y 5
Dura Commodities Corp, 20 Vesey St, N Y 7
Enco Chem Corp, 441 Lexington Ave, N Y 17
Failek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6

MENTHOL AND DERIVATIVES

U. S. MENTHOL, INC.

R.D.1 Box 75 Newton, N. J.

Tel. No. Newton 1507

Menthol U.S.P.
Laevo and Racemic
Menthol not U.S.P.
Menthol Esters
Menthone
Thymol
Chlorthymol

MENTHOL
U.S.P.
White Crystals (Racemic)
Superior Quality

SACCHARIN
Soluble and Insoluble
Powder Granular
Crystals

CHLORAMINE-T
N.F.
Disinfectant • Surgical Antiseptic
Water Sterilization, Bleaching
and Desizing Agent

LANOLIN U.S.P.
Fine Chemicals • Drugs
Intermediates

BENDIX CHEMICAL
CORPORATION
422 LEXINGTON AVE., N.Y. 17, N.Y.
MUrray Hill 3-3204

MENTHOL
CRYSTALS
U. S. P.
•
CASEIN

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20 VESEY STREET, NEW YORK 7, N. Y.
WORTH 4-0120

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MENTHOL, NATURAL, continued

*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Mercer Chem Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tombarel Products Corp, 12 E 22 St, N Y 10
*United States Menthol, R D 1, Box 75, Newton, N J
White Cross Labs, 79 W 11 St, N Y

MENTHOL, SYNTHETIC

For description see Menthol (Natural).
● Pkg—1, 5 lb. tins.

J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greef & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 3
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Mercer Chem Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*United States Menthol, R D 1, Box 75, Newton, N J

MENTHYL SALICYLATE (Samol, Salimenthol)

$C_6H_4(OH)COOC_{10}H_{19}$. Colorless liquid. Miscible usual organic solvents. Insol. water. Uses—medicinal.
● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*United States Menthol, R D 1, Box 75, Newton, N J

MENTHYL VALERATE

$(CH_3)_2CH.CH_2.CO.OC_{10}H_{19}$. M.W. 240.22. Colorless liquid. Menthol and valerian odor; cooling, faintly bitter taste. Insol. water; freely sol. alcohol; decomp. by alkalies. Use—nerve sedative.
● Pkg—Bottles.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*United States Menthol, R D 1, Box 75, Newton, N J

MERBROMIN

● Pkg—25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Lack Chem Co, 19 Park Pl, N Y 7
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

MERCAPTANS

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Evans Chemetics, 250 E 43 St, N Y 17
*Experimet Inc, Box 1T, Richmond 2, Va
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Phillips Petroleum Co, Special Products Div, Bartlesville, Oklahoma
*Sharples Chem, 123 S Broad St, Phila 9, Pa

2-MERCAPTOETHANOL

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

MERCURIAL OINTMENT

Contains finely divided mercury in wool fat—petrolatum base. Uses—Parasiticide, antiseptic.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y

MERCURIC ACETATE

$Hg(CH_3COO)_2$. M.W. 318.66. White crystals or powder; sensitive to light. POISON. Use—for mercuration of organic compounds.
● Pkg—25 lb. jars.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURIC CHLORIDE (Corrosive Sublimate, Mercury Bichloride, Mercury Chloride, Mercury Protochloride, Hydrargyri Chloridum Corrosivum, Hydrargyri Perchloridum)

$HgCl_2$. M.W. 271.52. White, crystalline powd. Sp. gr. 5.42. M.P. 275°C. B.P. 301°C. Sol. water, alcohol, ether, pyridine, acetic acid ester.
● Pkg—25, 50, 100 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURIC CYANIDE see Mercury Cyanide

MERCURIC IODIDE (Mercury Biniodide)

HgI_2. M.W. 454.44. M.P. 253°C. Scarlet red powd. Sol. alcohol, ether, in water in presence of soluble iodides. Uses—Preparing Mayer's alkaloidal reagent & Nessler's solution, medicine.
● Pkg—5 lb. bottles, 25, 50, 100 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURIC OXIDE, RED (Mercury Red Precipitate, Red Precipitate)

HgO. Orange-red, crystalline powd. Sp. gr. 11.00 to 11.29. Decomposes on heating. Sol. acids. Uses—antifr. marine and antifouling paints, mercury salts, intermediates, organic chemicals, pomades, perfume preparations, grease paints; as paint and varnish pigment; oxidizing agent in chemical processes; ceramic coloring and decorating porcelains; as laboratory reagent; depolarizer in electric batteries; in medicine. Poisonous. Grades—U.S.P.; mass; powdered; C.P.
● Pkg—25, 50, 100 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane & Ingram, 43 W 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y

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Amyl Mercaptan
tert-Dodecylmercaptan
Ethyl Mercaptan
Pentalarm
(warning agent for fuel gases)
SHARPLES TRADE MARK CHEMICALS
Sharples Chemicals Inc.
PHILADELPHIA
CHICAGO
NEW YORK

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURIC OXIDE, YELLOW (Yellow Precipitate)

HgO. Light, amorphous, orange-yellow powder. Stable in air but turns dark on exposure to light. Sp. gr. 11.03 at 27.5°C. M.P. decomposes. Grades—C.P.; U.S.P. Uses—medicine.
●Pkg—25, 50, 100 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCUROUS CHLORIDE (Calomel, Mercury Monochloride, Mercury Chloride, Mild, Hydrargyri Chloridum Mite, Hydrargyri Subchloridum, Black Precipitate, Hahnem Auris Mercury)

Hg_2Cl_2. White, crystalline or amorp. powd. Sp. gr. 6.993-7.18. M.P. sublimes at 383°C. B.P. 382.5°C. Slightly sol. hot alcohol. Uses—mfr. pyrotechnics. gold colors in ceramics; as laboratory reagent; germicide; in medicine. Grades—U.S.P.; C.P.; tech.
●Pkg—25, 50, 100 lb. drums.

*American Quinine Co, 15 William St, N Y 5
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCUROUS IODIDE (Green Mercury Protoiodide)

HgI. M.W. 327.52. Greenish-yellow, heavy, amorphous powd. Insol. water, alcohol, ether. Uses—medicine.

*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*William M Stieh & Co, 20 Vesey St, N Y 7

MERCUROUS OXIDE (Mercury Oxide Black)

Hg_2O. M.W. 417.2. A black or brownish-black powder. Insol. water. Very easily decomp. by light or at 100° or lower temp. into HgO and Hg.
●Pkg—Bottles.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY (Liquid Silver, Quicksilver, Hydrargyrum)

Hg. Silvery liq. Sp. gr. 13.5933. B.P. 357.33°C. Solidifies 38.85°C. Sol. acids. Uses—mfr. mercury salts, calomel, corrosive sublimate, mercury fulminate, numerous mercuro pharmaceuticals, metallic amalgams, boiler scale preventatives, dental amalgams, vermillion red pigments; cathode in electrochemical processes; catalyst in nitrations; extracting gold and silver from ores; electroplating of metals; silvering mirrors; in physical and scientific instruments, barometers, thermometers, hydrometers, chemical apparatus, thermostats, gas governors; for tin in type metal and stereo alloys; in mercury vapor lamps; arc rectifiers; ultra violet rays; electrical apparatus; in medicine. Grades—U.S.P.; tech.; distilled; redistilled; C.P.
●Pkg—1, 5, 10 lb. jugs/bottles, 76 lb. flasks.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Fallek Products Co, 163 Broadway, N Y 6
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
International Selling Corp, 122 E 42 St, N Y 17
Kolon Trading Co, 15 Park Row, N Y 38
Lewis Chem Co, 232 Canal St, N Y 13
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J

MALLINCKRODT MERCURIALS

- MERCUROUS CHLORIDE
- MERCURIC CHLORIDE
- MERCURIC OXIDE RED
- MERCURIC OXIDE YELLOW
- MERCURIC ACETATE and many other MERCURY COMPOUNDS.

Send for price list and additional information.

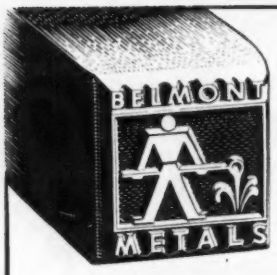
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76 LB. FLASKS
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REDISTILLED C.P.
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1, 5, 10, 15 LB. CONTAINERS
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REDISTILLING
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*Company classifies itself as manufacturer or producer of this product
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MERCURY and MERCURY COMPOUNDS

METALSALTS CORP.

200 Wagaraw Rd. Hawthorne, N. J.
HAwthorne 7-6000 PEnn 6-2626

MERCURY, continued

•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
Mutchler Chem Co, 258-259 Broadway, N Y
•National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
William M Stieh & Co, 20 Vesey St, N Y 7
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

MERCURY ACETATE

●Pkg—25 lb. jars.

•F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
•Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
•Merck & Co, Rahway, N J
•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY, AMMONIATED (Ammoniated Mercury Chloride, White Precipitate, Amido-Mercuric Chloride)

$HgNH_2Cl$. M.W. 252.08. Contains 78-80% Hg. White powd. Earthy, styptic, metal, taste. Sol. acids. Insol. water, alcohol.

●Pkg—5 lb. bottles, 25, 50, 100 lb. drums.

•F W Berk & Co, Park Pl E, Woodridge, N J
•F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
•Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
•Merck & Co, Rahway, N J
•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
•New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
•Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
•William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY BICHLORIDE see Mercuric Chloride

MERCURY BINIODIDE see Mercuric Iodide

MERCURY BISULFATE (Mercury Sulfate, Mercury Persulfate)

$HgSO_4$. White, crystalline powd. Sp. gr. 6.466. Decomposes at red heat. Sol. in HCl, hot dilute H_2SO_4, and concentrated sol. NaCl. Uses—mfr. mercury salts, electric batteries, mercuric chloride, mercurous chloride, various mercuro pharmaceuticals; as catalyst in making intermediates; extracting gold and silver from ores. Grades—medicinal; tech.; C.P.

●Pkg—Custom packed.

•F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
•Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
•William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY BLEND see Mercury Sulfide, Red

MERCURY CHLORIDE see Mercuric Chloride

MERCURY CHLORIDE, MILD see Mercurous Chloride

MERCURY CYANIDE (Mercuric Cyanide)

$Hg(CN)_2$. M.W. 252.65. Colorless, transparent prisms. Sp. gr. 4.018. M.P. decomposes. Sol. water, alcohol. Grades—technical, C.P. Uses—germicidal soaps, manufacturing cyanogen gas, photography.

●Pkg—Custom packed.

•F W Berk & Co, Park Pl E, Woodridge, N J
•F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
•Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
•Merck & Co, Rahway, N J
•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
•William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY MONOCHLORIDE see Mercurous Chloride

MERCURY NAPHTHENATE

M.W. about 660.30% metal. Sol. hydrocarbons, vegetable oils. Uses—fungicide and mildew preventive.

●Pkg—80 lb. drums.

•Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
•William M Stieh & Co, 20 Vesey St, N Y 7

Berkshire

BERKSHIRE CHEMICALS BCI

MERCURIALS
ZIRCONIUM CHEMICALS
CARBAMATES
VANADIUM CHEMICALS
BORON
AGRICULTURAL MAGNESIA

Mercury, Triple Distilled	Mercurous Chloride
Mercuric Acetate	Mercurous Iodide
Mercuric Chloride	Phenyl Mercuric Acetate
Mercuric Cyanide	Phenyl Mercuric Benzoate
Mercuric Iodide	Phenyl Mercuric Borate
Mercuric Nitrate	Phenyl Mercuric Chloride
Mercuric Oxide, Red	Phenyl Mercuric Hydroxide
Mercuric Oxide, Yellow	Phenyl Mercuric Nitrate

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MERCURY

Brokers Exclusively

SST

THE
SCHMITZ SCHOENEWALDT TURNER
COMPANY

20 VESEY STREET, NEW YORK 7, N. Y.
WORTH 4-0120

•Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

MERCURY NITRATE (Mercury Pernitrate)

a. Mercuric salt. $2Hg(NO_3)_2.2H_2O$. b. Mercurous salts. $2HgO(OH)$. NO_2H_2O. c. Mercurous salts. Hg $(NO_3)_2 2HgO.H_2O$. Colorless or white, deliq. cryst. or powd. Decomposes on heating. Sol. water, nitric acid. Uses—a. mfr. felts, ointments; as nitrating agent in making intermediates and organic chemicals; in medicine. b. and c. mfr. mercury acetate, cosmetics, hats; as laboratory reagent; for blue-black colors on metals; in medicine. Grades—mercuric; mercurous; solution; C.P.; U.S.P.

● Pkg—Custom packed.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem Graybar Bldg, 420 Lexington Ave, N Y
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*William M Stieh & Co, 20 Vesey St, N Y 7

MERCURY PERNITRATE see Mercury Nitrate

MERCURY PERSULFATE see Mercury Bisulfate

MERCURY PROTOCHLORIDE see Mercuric Chloride

MERCURY RED PRECIPITATE see Mercuric Oxide, Red

MERCURY SULFATE see Mercury Bisulfate

MERCURY SULFIDE, RED (Vermilion, Mercury Blend, Patent Red, Artificial Cinnabar, Chinese Vermilion, Red Mercuric Sulfuret, Quicksilver Vermilion, Liver Ore)

HgS. M.W. 232.67. Fine, bright scarlet powd. Sp. gr. 8.06-8.12. Sublimes at 580°C. Insol. Uses—for coloring sealing wax, plastics; as fine pigment for paints, varnishes, stains, water colors; as rubber pigment; in medicine. Grades—English; Chinese; American; C.P.; tech.

● Pkg—100, 112 lb. drums.

*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*General Color Co, 263 Wright St, Newark 5, N J
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

MESITYL OXIDE (Methylisobutenylketone, Isopropylideneacetone)

$(CH_3)_2C:CHCOCH_3$. M.W. 98.08. Colorless, oily liq. Sp. gr. 0.861 (15°C.). B.P. 128.7°C. Sol. alcohol, ether. Uses—mfr. intermediates organic chemicals. Grades—tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METACETALDEHYDE see Metaldehyde

METALDEHYDE (Metacetaldehyde)

$(CH_3CHO)_3$. M.W. 132.12. White prisms. M.P. 246.2°C., in sealed tubes; sublimes at 112-116°C., with partial depolymerization. Sol. benzene, chloroform. Slti. sol. alcohol, ether. Insol. water. Uses—as solid fuel; agricultural fungicide and disinfectant; extermination of slugs and snails; sed. and hypn. in medicine. Grade—tech.; available in tablet form only.

● Pkg—165 lb. drums.

Arnida Products Co, 15 Whitehall St, N Y 4
City Chem Corp, 132 W 22 St, N Y 11

METAL STAMPING COMPOUNDS

Preparations used to protect and lubricate in all types of metal stamping operations.

*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill

METALS, LOW MELTING

Various metals and alloys with low melting points. Used as fuses, for automatic action to control temperatures, etc.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6

METALS, PASTE

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Hummel Chem Co, 90 West St, N Y 6
*Metalead Products Corp, 978 Mills Bldg, San Francisco 4, Cal
*Metals Disintegrating Co, P O Box 290, Elizabeth B, N J
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa

METALS, POWDER

Within comparatively recent years metals in the finely powdered state have been developed, the principal ones being, aluminum, antimony, bismuth, brass, bronze, cadmium, chromium, chromium (reduced), copper, gold, iron, iron (hydrogen reduced), lead, manganese, molybdenum, nickel, palladium, silicon, silver, tellurium, tin, titanium, tungsten, tungsten (carbon reduced) vanadium zinc. See also Bronze Powder, Bismuth Powder, Chromium Powder, Copper Powder, Nickel Powder, etc.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh Pa
Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Connelly, Inc, 74 Trinity Pl, N Y 6
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Hummel Chem Co, 90 West St, N Y 6
*Metalead Products Corp, 978 Mills Bldg, San Francisco 4, Cal
*Metal Hydrides, 22½ Congress St, Beverly, Mass
*Metallurg, Inc, 100 Park Ave, N Y 17
*Metals Disintegrating Co, P O Box 290, Elizabeth B, N J
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*New Process Metals, 46-50 Center St, Newark 2, N J
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
*Shieldalloy Corp Div, 100 Park Ave, N Y 17

METALS, WHITE CASTING

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

METHACROLEIN

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

METHALLYL CHLORIDE

$CH_2CMe.CH_2Cl$. M.W. 90.0. A colorless liquid. B.P. 72°C. Made from petroleum hydrocarbons. Used as an insecticide.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Shell Chem Corp, 50 W 50 St, N Y 20

POWDERED ORES
MINERALS, METALS
AND ALLOYS

CHROMIUM METAL
FERRO CHROMIUM
FERRO COLUMBIUM
FERRO MANGANESE
FERRO TITANIUM
FERRO VANADIUM
IRON CARBONATE
FERRO BORON
TI-AL ALLOY
MAGNETITE
CHROMITE
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Shieldalloy Corporation
100 PARK AVENUE
NEW YORK 17, N. Y.
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SHIELDALLOY

BELMONT METALS
Putting Mettle Into Metals Since 1896

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ALL MESHES

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Bronze
Cadmium
Chromium
Cobalt
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Ferro
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Selenium
Silicon
Silver
Solder
Steel
Tin
Tungsten
Zinc, Etc.

Belmont SMELTING & REFINING WORKS, INC.
TELEPHONE Dickens 2-4900
322 BELMONT AVENUE • BROOKLYN 7, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

METHANOL

Synthetic grade — 99.85% minimum purity.

Conveniently located stocks for prompt delivery by tank car, barge and drums in many areas.

For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial.

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Hydrocarbon Chemicals Division
Baltimore 3, Maryland

CSC

METHANOL
99.85%
MINIMUM PURITY

Shipped by
TANKER • BARGE
TANK CAR
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DRUMS

Industrial CSC Chemicals
Acetone
Ammonia
Methylamines
Formaldehyde
Nitroparaffins
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Butanol
Tributyl Phosphate
Ethyl Alcohol

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS Corporation
260 Madison Avenue
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See our Catalog Ad

Available from Du Pont

METHANOL

99.85% PURE

Available nationally through conveniently located agents. Shipped in tank cars, tank transports, tank wagons, and 55-gallon non-returnable steel drums. For information write E. I. du Pont de Nemours & Co. (Inc.), Polychemicals Dept. 6053, Wilmington 98, Delaware.

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NITROGEN DIVISION ALLIED CHEMICAL

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Ammonia Liquor
Ammonium Nitrate Solutions
Ammonium Sulphate
Anhydrous Ammonia
Diethylene Glycol
Ethylene Glycol
Ethylene Oxide
Nitrogen Solutions
Nitrogen Tetroxide
Sodium Nitrate
U.F. Concentrate-85
Urea

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N.Y.
See Our Catalog Ad

METHANE (Marsh Gas, Methylhydride)

CH_4. M.W. 16.04. Colorless, inflammable gas. d (air =1) =0.558. F.P. —184°C. Uses—mfr. formaldehyde; in organic synthesis; a constituent of illuminating gas.

●Pkg—Pints, quarts, cylinder.

Barclay Chem Co, 75 Varick St, N Y 13
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

METHANAL see Formaldehyde

METHANOL (Methyl Alcohol, Wood Alcohol, Columbian Spirits, Acetone Alcohol, Wood Naphtha, Wood Spirits, Colonial Spirits, Methyl Hydrate, Methyl Hydroxide, Pyroxylic Spirit, Carbinol)

CH_3OH. M.W. 32.03. Colorless, inflam. liq. Sp. gr. 0.810 (0°C.). F.P. —97.8°C. B.P. 64.7°C. Sol. water, alcohol, ether. Poisonous when taken internally. Uses—mfr. methyl esters, methyl chloride, methyl sulfate, formaldehyde, dimethyl aniline, intermediate and organic chemicals, varnishes, enamels, paint removers, artificial leather, polishing and cleansing compositions, various dyestuffs, spirit varnishes; denaturant for ethyl alcohol; laboratory reagent; anti-freeze agent for automobile radiators; reagent in finishing textiles; solvent for gums, resins, shellac, rubber cement, celluloid, smokeless powd. Grades—95%, 97%; pure, synth.; Acetone Free; Absolute, 99.5%.

●Pkg—5, 50, 54 gal. drums.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
W W Angus, 220 Broadway, N Y 38
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
C B Coburn Co, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*William S Gray & Co, 342 Madison Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Nitrogen Div, 40 Rector St, N Y 6
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Spencer Chem Co, Dwight Bldg, Kansas City 5, Mo
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 50% First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

METHENAMINE see Hexamethylenetetramine

METHENYL TRICHLORIDE see Chloroform

dl-METHIONINE (dl-a-Amino-g-Methylmercaptobutyric Acid; dl-2-Amino-4 Methylthiobutanoic Acid)

$CH_3SCH_2CH_2CH(NH_2)COOH$. M.W. 149.15. M.P 281°C. Sol. water.
● Pkg—1, 5, 10, 50 lb. drums.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Smith-N Y Co, 59 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Winthrop-Stearns, 1450 Broadway, N Y 18

1-METHOXY-2-AMINO-4-CHLOROBENZENE see Chloroanisidine

6-METHOXY 8-AMINO QUINOLINE

*Fisher Chem Co, 220 E 42 St, N Y 17

2-METHOXYETHYL 12-ACETOXYRICINOLEATE see Methyl "Cellosolve" Acetyl Ricinoleate

METHOXY ETHYL ACETYL RICINOLEATE

● Pkg—1, 5, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METHOXY ETHYL OLEATE

$C_8H_{17}CHCH(CH_2)_7COOC_2H_4OCH_3$. M.W. 340; B.P. at 4 mm. 195-225°C.; lbs. per gal. 7.51; Sp. gr. at 20°C. 0.902. Light yellow ester. Uses—plasticizer for chlorinated rubber; water repellent.
● Pkg—1, 5, 55 gal. drums.

*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

2-METHOXYETHYL RICINOLEATE see Methyl "Cellosolve" Ricinoleate

METHOXYHYDROXY BENZALDEHYDE see Vanillin

METHOXYMETHANE see Ether, Dimethyl

METHYL ABIETATE (Abalyn)

$C_{19}H_{29}COOCH_3$. M.W. 316.25. Colorless to yellow, almost odorless, thick liquid. B.P. 360-365°C with decomp. Insol. water; miscible usual organic solvents. Use—as a solvent for ester gums, rosin, many synthetic resins, ethyl cellulose, rubber, etc., in the manuf. of varnish resins; as ingredient in adhesives.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hercules Powder Co, 978 Market St, Wilmington 99, Del

METHYL ABIETATE, HYDROGENATED

*Hercules Powder Co, 978 Market St, Wilmington 99, Del

METHYL ACETATE

$CH_3COO.CH_3$. Colorless liq., fragrant odor. Sol. alcohol, ether. Sparingly sol. water. Uses—solvent in cellulose esters, varnishes, lacquers, cosmetics, perfumes, nitrocellulose plastics, flavoring extracts, artificial leather, synth. dyestuffs; chemical reagent and solvent. Grades—tech. in 2 grades, 82 and 99% by weight. Sp. gr. .905-.910 at 20°/20°C.; B.R. 53°C.-56°C.; weight per gal., 7.552 lbs. (20°C.). Sp. gr. 99% grade, .930-.940 (20°/20°C.).; B.R. 55°C.-58°C.; weight per gal., 7.779 lbs. (20°C).
● Pkg—54 gal. drums.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
William S Gray & Co, 342 Madison Ave, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METHYL ACETONE

Mixture methyl acetate, acetone, and methyl alcohol. Colorless liq. Uses—extr. extracts, artificial leather, rubber cements, gas mantels, various cement compositions, paint; solvent in extracting perfumes, varnish remover; solvent for gums, resins, etc., and nitrocellulose; rubberizing fabrics. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*William S Gray & Co, 342 Madison Ave, N Y 17
*Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn

METHYL ACETOPHENONE

$CH_3C_6H_4COCH_3$. Colorless liq. B.P. 223°C. Sol. benzene, insol. water. Uses—extr. perfumery.
● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Tombarel Products Corp, 12 E 22 St, N Y 10

METHLLACETYL See Acetone

METHYL ACETYL RICINOLEATE

● Pkg—5 gal. cans, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5

METHYL ACETYLENE (1-Propyne)

$CH_3{\cdot}C{\equiv}CH$. M.W. 40.06. Colorless gas. Use—organic syntheses.

*Air Reduction Chem Co Div, 60 E 42 St, N Y 17
*Experiment Inc, Box 1T, Richmond 2, Va
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

METHYL ACRYLATE

$CH_2{:}CHCO_2CH_3$. M.W. 86. B.P. 80°C. Uses—prep. of polymers; intermediate for prep. of pharmaceuticals.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

METHYL ALDEHYDE see Formaldehyde

METHYL AMINE (Aminomethane)

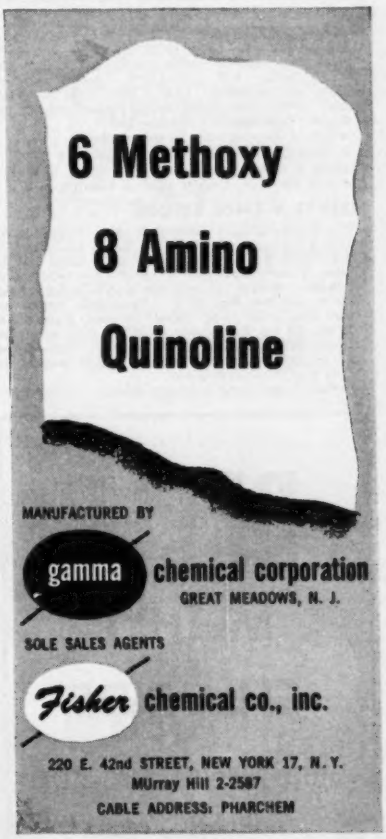
CH_3NH_2. 33% to 37% sol. M.W. 31.05. Sol. alcohol. Uses—dyestuffs and synthetic intermediate; base; methylating agent.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Rohm & Haas, 712 Locust St, Phila 5, Pa

METHYL AMINE HYDROCHLORIDE

$CH_3NH_2.HCl$. M.W. 67.51. White cryst. Very sol. water, sol. alcohol. Insol. ether. Uses—dyestuffs and synthetic intermediate; methylating agent.
● Pkg—Custom packed.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio



CH_3NH_2 $(CH_3)_2NH$ $(CH_3)_3N$ METHYLAMINES

Low cost aliphatic amines—available in tankcars

PROPERTIES AND USES

	Boiling Point °C	Uses
MONOMETHYLAMINE	-6.32	Dyes, pharmaceuticals, surface-active agents, photographic chemicals.
DIMETHYLAMINE	6.88	Fungicides, rubber accelerators, surface-active agents, quaternary ammonium bactericides, dyes, pharmaceuticals.
TRIMETHYLAMINE	2.87	Pharmaceuticals, quaternary ammonium compounds.

For additional information write Rohm & Haas Company, Dept. BG, Washington Square, Phila. 5, Pa.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

METHOCEL®

(Dow Methylcellulose)

A synthetic gum — binder, film former, thickener, suspending agent, emulsion stabilizer.

DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.

THE DOW CHEMICAL COMPANY
MIDLAND • MICHIGAN

DOW

METHYL AMYL ACETATE (Methyl Isobutyl Carbinol Acetate)

$(CH_3)_2CH.CH_2CH(O_2CCH_3)CH_3$. Water white liquid. Solubility in water, 0.8% at 20°C. Soluble in alcohols, hydrocarbons and most organic liquids. Sp. gr. .853-.859 at 20°/20°C. B.R. 139°-147°C. Acidity less than .02% cal. as acetic. Ester content 88-92%. Flash point 45°C. Uses—high boiling lacquer solvent, excellent "blush register." Grades—tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J

METHYL n-AMYL KETONE

$CH_3CO(CH_2)_4CH_3$. Water-white high boiling ketone (151.0°C.). Sp. gr. 0.816 to 0.821 at 20°/20°C. B.R. (760 min.) below 147°C., none; above 154°C., none. Toluol dilution ratio is 3.9 with half second nitrocellulose. Acidity, not more than 0.05% as acetic acid. Purity, not less than 95%. Non-volatile matter, not more than 0.005 g. per 100 cc. Dryness, miscible with 19 vol. 60 deg. Be. gasoline at 20°C. Misc. with usual lacquer solvents but only slightly in water. Uses—solvent for nitrocellulose, as well as resins used in lacquer; imparts excellent blush resistance.

● Pkg—1 gal. cans, 5, 55 gal. drums.

BELLE

METHYL CHLORIDE

METHYLENE CHLORIDE
MURIATIC ACID
CHLOROFORM

◆

BELLE ALKALI COMPANY
DIVISION OF
DIAMOND ALKALI CO.

Chemicals you live by

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y

METHYL ANILINE (Monomethylaniline)

$C_6H_5.NH(CH_3)$. M.W. 107.08. Colorless to slightly yellow cryst. Turns brown on exposure to air. Sp. gr. .888. Uses—organic synthesis.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Republic Chem Corp, 94 Beekman St, N Y 38

METHYL ANTHRANILATE (Methyl Ortho-Aminobenzoate)

$NH_2.C_6H_4.COOCH_3$. M.W. 151.1. Sp. gr. 1.168. Colorless, fluorescent crystals or liq. with an odor similar to grapes. Slowly turns yellow on exposure to sunlight. B.P. 135.5°C. Sol. most organic solvents; insol. water. M.P. 24.5°C. Uses—mfr. synthetic grape flavoring, perfume combinations.

● Pkg—25 lb. bottles, 25, 50 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYL BENZOATE (Essence of Niobe, Oil of Niobe)

$C_6H_5.COOCH_3$. M.W. 136.10. Colorless, transparent liq. Sol. alcohol, ether. Sp. gr. 1.094 at 15°C. B.R. 199°C. Uses—mfr. perfumes.

● Pkg—1, 5, 55 gal. drums, 45 lb. tins.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Polak's Frutal Works, Middletown, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

METHYL BROMIDE (Bromomethane)

CH_3Br. M.W. 94.9. Colorless, non-inflammable gas. Weight per gal. 14.4 lbs. at 0°C. B.P. at 14.7 lbs., 4.5°C. M.P. —93°C. Miscible with most organic solvents; forms a voluminous crystalline hydrate with cold water. Uses—as a refrigerant; mfr. dyes and pharmaceuticals.

● Pkg—25 x 1 lb. cans/case, cylinders.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Philip J Lo Bue Co, 277 Park Ave, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Wyandotte Chem Corp, Wyandotte, Mich

2-METHYL-3-BUTYN-2-OL (Dimethyl Ethynyl Carbinol)

$HC{\equiv}CC(OH)(CH_3)_2$. M.W. 84.11. Colorless liquid. characteristic odor. Uses—organic synthesis, plastics.

*Air Reduction Chem Co Div, 60 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

METHYL CAPROATE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal

METHYL CAPRYLATE

● Pkg—55 gal. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco

METHYL "CELLOSOLVE"* ACETYL RICINOLEATE (2-Methoxyethyl 12-Acetoxyricinoleate)

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Co.)
$C_6H_{13}CH(OOC\text{-}CH_3)CH_2CH{=}CH\text{-}(CH_2)_7COOCH_2CH_2OCH_3$. M.W. 398. Clear, bright low viscosity fluid. Use—plasticizer.

● Pkg—1, 5, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Ohio-Apex Inc Div, Nitro, W Va

METHYL "CELLOSOLVE"* OLEATE

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Co.)
$C_{21}H_{40}O_3$. M.W. 340.5. Pale amber fluid. Sol. ketones, esters, aromatic and aliphatic hydrocarbons; insol. water. Uses—plasticizer for nitrocellulose, ethyl cellulose, synthetic resins.

● Pkg—1, 5, 55 gal. drums.

*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va

METHYL "CELLOSOLVE"* RICINOLEATE (2-Methoxyethyl Ricinoleate)

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Co.)
$C_6H_{13}\text{-}CHOH\text{-}CH_2CH{=}CH\text{-}(CH_2)_7COOCH_2CH_2OCH_3$. M.W. 356. Clear, bright, low viscosity liquid. Use—plasticizer.

● Pkg—5, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METHYL "CELLOSOLVE"* STEARATE

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Co.)

● Pkg—1, 7, 35 lb. tins, 380 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va

METHYL CELLULOSE

Cellulose ester. Greaseproof, flavor-retaining, non-inflammable film; unaffected by organic acids. Uses—emulsifying agent for oils, waxes, and fats; thickener, binder, and adhesive in solution form.

● Pkg—45, 50 lb. cartons.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Dow Chem Co, Midland, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*S B Penick & Co, 50 Church St, N Y 7
Scher Bros, 519 Getty Ave, Clifton, N J

METHYL CHLORIDE (Chloromethane, Arctic Essence)

CH_3Cl. M.W. 50.48. Colorless gas, ethereal odor. Gas compressed in cylinders to colorless liq. Sp. gr. 0.92. Solidifies —97.6°C. B.P. —23.7°C. Sol. water, chloroform, alcohol, ether. Uses—mfr. intermediates, organic chemicals, perfume preparations, thermometers, airplane radiators; active refrigerant; solvent and extracting medium for essential oils; in medicine. Grades—technically pure.

● Pkg—Cylinders.

Adams-Henry Chem Co, 32 Broadway, N Y 4
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ansul Chem Co, Marinette, Wis
*Belle Alkali Co, Belle, W Va
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Henley & Co, 801 2 Ave, N Y 17
Kolon Trading Co, 15 Park Row, N Y
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DUPONT
REG U.S. PAT OFF
Methyl Chloride 99.5+%
In 70-, 100-, 145-, 300-lb. cylinders and multi-unit tank cars
•
METHYLENE CHLORIDE
Refrigerant grade of highest purity
in 550-lb. drums and tank cars
E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON · DELAWARE

Republic Chem Corp, 94 Beekman St, N Y 38
*Solvay Process Div, 61 Broadway, N Y 6
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Virginia Smelting Co, W Norfolk, Va

METHYL CHLOROACETATE

$CH_2Cl.COOCH_3$. M.W. 108.5. Clear, colorless liquid with sweetish odor, irritating to the eyes and mucous membranes. Sp. gr. 1.240 at 20/4°C. Weight per gal., 10.3 lbs. at 20°C. B.P. 130.0-132.0°C. Miscible with most organic solvents, very slightly sol. water. Uses—organic syntheses.
● Pkg—5 x 10 lb. bottles/case, 5 gal. carboys, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

2-METHYL-4-CHLOROPHENOXYACETIC ACID

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

METHYL CINNAMATE

$C_6H_5CHCHCOOCH_3$. M.W. 162.13. M.P. 34°C. B.P. 263°C. Strawberry-like odor. Uses—confectionery, perfumery.
● Pkg—Cans.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYL COUMARIN

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J

METHYL CROTONATE

$CH_3CHCHCOOCH_3$. M.W. 100.11. Colorless liquid; pleasant odor. Uses—solvent, lacquers, pharmaceuticals, polymers, organic synthesis.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
*Edcan Labs, 10 Pine St, S Norwalk, Conn

METHYL CYANIDE see Acetonitrile

METHYL CYANO ACETATE (Malonic Methyl Ester Nitrile)

$CNCH_2COOCH_3$. M.W. 99. Colorless liquid. Slightly sol. water; infinitely sol. alcohol, ether. Uses—organic and pharmaceutical synthesis; intermediate.
● Pkg—55 gal. drums.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Kay-Fries Chem, 180 Madison Ave, N Y 16

METHYL CYCLOHEXANE

C_7H_{14}. M.W. 98.18. Water-white (less than 20 Hazen) liquid, 95% distilling within 2.0°C.; boiling range, 100.0-103.0°C. Leaves no residue on evaporation, and has no acidity. Water content less than 0.2%; Sp. gr. at 25/4°C., 0.763-0.766. Flash point, less than 10°F. Produced by hydrogenating toluol. Used as a solvent for many oils, fats, waxes and other materials, such as crude rubber, bitumen, and ethyl cellulose. May also be used as a degreasing solvent. Lbs. per gal., 6.4.
● Pkg—Quart, pint bottles, 1, 5, 55 gal. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

METHYL CYCLOHEXANOL (Hexahydrocresol)

($C_6H_{10}CH_3OH$). M.W. 114.11. Colorless, non-explosive, slightly toxic liq. Pounds per gal. 7.75. Sp. gr. 0.930; refract. index 1.455-1.465. B.P. 170-190°C. Flash Point 68°C. Sol. in all organic solvents. Uses—as a plasticizer; solvent for paints, lacquers.
● Pkg—1 gal. cans, 35, 425 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

METHYL CYCLOHEXANONE

($CH_3C_6H_9O$). Water-white to very pale yellow liq., with odor resembling acetone. Pounds per gal. 7.70. Sp. gr. 0.925; refract. index 1.440-1.450. B.P. 160-170°C. Flash Point 53°C. Sol. water up to 3%; sol. organic solvents; non-toxic. Uses—solvent for nitrocellulose, rubber, ester gum, Kauri, phenol formaldehyde resins, glyptals, Rezyls and other resins. Specially recommended for crystallizing lacquers.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

METHYL CYCLOPENTANE

$C_5H_9CH_3$. M.W. 84.16. Colorless liq. Uses—chem synthesis. L. B.P. 72° at 742 mm. Insol. water; sol. ether.
● Pkg—Bottles, 1, 5 gal. drums.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

METHYL DICHLOROACETATE

● Pkg—5, 13 gal. carboys, 55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16

METHYL DICHLOROSTEARATE

Approx. formula, $C_{17}H_{33}Cl_2COOCH_3$. M.W. 367. Light yellow oily liquid; slightly fatty odor. Uses—addition agent for lubricants; chemical intermediate; plasticizer for coating materials where high temperature stability is not essential.
● Pkg—440 lb. drums.

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

METHYL DIETHANOLAMINE

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

METHYL DIOXOLANE

● Pkg—1 gal. cans.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

METHYL ESTER OF TALL OIL

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

MONSANTO MCP-90
(2-Methyl-4-chlorophenoxyacetic Acid)
Properties: Light tan granular solid. A hormone-type herbicide. Less injurious than 2,4-D to flax, certain grasses, cereal crops and legumes. More effective in controlling Canada thistle, white-top and certain species of mustard family.
MONSANTO CHEMICALS – PLASTICS
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri
SERVING INDUSTRY...WHICH SERVES MANKIND

KAY-FRIES
methyl dichloroacetate
dichloro-acetic acid
American-British Chemical Supplies, Inc.
Selling Agents For
KAY-FRIES CHEMICALS, INC.
180 MADISON AVENUE
NEW YORK 16, N. Y.
MUrray Hill 6-0661

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

METHYL ETHYL KETONE

Much lower evaporation rate than acetone, which reduces fire hazards and handling losses. Clear, colorless liquid belonging to the medium boiling solvents. Used in the manufacture of nitrocellulose cements, artificial leathers, fabric coatings, photographic film, varnish and lacquer removers, and cleaning liquids; as a solvent for dewaxing lubricating oils, vinyl resins, cellulose acetate, and synthetic rubbers.

Write or phone for further information

Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

METHYL ETHER OF DIETHYLENE GLYCOL

$CH_3O(CH_2CH_2OH)_2$. Colorless, odorless liq., completely miscible with water. B.P. 124.3°C. Sp. gr. .9660 at 20°/20°C. Uses—lacquer solvent and thinner, dye solvent, dye leveling agent in the dyeing of leather, sealing of moisture-proof wrapping materials, preparation of non-aqueous wood stains.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

METHYL ETHER OF ETHYLENE GLYCOL

$CH_3OCH_2CH_2OH$. Colorless odorless liq., completely miscible with water. B.P. 124.3°C. Sp. gr. .9660 at 20°/20°C. Uses—lacquer solvent and thinner, dye solvent, dye leveling agent in the dyeing of leather, sealing of moisture-proof wrapping materials, preparation of non-aqueous wood stains.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

METHYLETHYLCARBINOL DIBUTANOL see sec.-Alcohol, Butyl

METHYL ETHYL KETONE

$CH_3COC_2H_5$. Colorless liq., acetone-like odor. Sp. gr. 0.808. B.P. 79.6°C. Sol. water, alcohol, ether. Uses—mfr. intermediate chemicals, dimethylglyoxime, smokeless powd.; general solvent in place of acetone. Grades—C.P.; tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Enjay Co, 15 W 51 St, N Y 19
Fallek Products Co, 163 Broadway, N Y 6
William S Gray & Co, 342 Madison Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Shell Chem Corp, 50 W 50 St, N Y 20
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

METHYLETHYL METHANE see Butane

2-METHYL-5-ETHYL PYRIDINE

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

METHYL ETHYLENE GLYCOL see Propylene Glycol

METHYL ETHYNYL CARBINOL see 3-Butyn-2-ol

METHYL FORMATE (Methyl Formic Acid Ester)

$C_2H_4O_2$. M.W. 60.1. Colorless liq. Sp. gr. 0.973. M.P. —100°C. B.P. 32°C. Sol. water, alcohol, ether. Uses—in organic synthesis; fumigation products.

● Pkg—55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METHYL o-FORMATE

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

METHYL HEPTINE CARBONATE

$C_9H_{14}O_2$. M.W. 154.11. An ester, $Me(CH_2)_4C{:}C.CO\,OMe$. from the ricinoleic acid of castor oil. Insol. water. Used in perfumery.

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10

METHYL-HEXANE see Heptane

METHYLHEXANONE see Methyl Hexyl Ketone

METHYL HEXYL CARBINOL see Alcohol, Octyl (Normal, Secondary)

METHYL HEXYL KETONE (Methylhexanone, Hexylmethyl Ketone)

$CH_3CO(CH_2)_5CH_3$. Pure. water-white liq., pleasant odor, insol. water, sol. alcohol, hydrocarbons, esters, etc. Sp. gr. 0.81 (25°C.); distil. range 166-173°C. Uses—mfr. perfumes, synthesis perfume materials, as in anti-blushing agent for nitrocellulose lacquers.

● Pkg—Bottles.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Morton-Withers Chem Co, 2110 High Pont Rd, Greensboro, N C

METHYL HYDROQUINONE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

METHYL HYDROXIDE see Methanol

METHYLHYDROXYBENZINE see Guaiacol, Liquid

METHYL p-HYDROXY BENZOATE

$HOC_6H_4CO_2.CH_3$. White, cryst. powd., odorless, practically tasteless, non-toxic. M.P. 126°C. Sol. in boiling water approx. 1-20; in water at 20° 1-400. Uses—as a general preservative and anti-oxidant, especially in the cosmetic and drug fields.

● Pkg—25, 50, 100, 250 lb. drums.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
Polychemical Co, 494 Huntspoint Ave, N Y 59
*Toelle Chem Co, R D 1, Box 75, Newton, N J

2-METHYL-3-HYDROXY-4,5-DI-(HYDROXY-METHYL)-PYRIDINE HYDROCHLORIDE see Vitamin B6

METHYL HYDROXY ISOBUTYRATE

● Pkg—5, 30, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

METHYLHYDROXYISOPROPYL BENZENE see Thymol

METHYL HYDROXY STEARATE

● Pkg—50 lb. bags.

*Baker Castor Oil Co, 120 Broadway, N Y 5

METHYL IODIDE (Iodomethane)

CH_3I. Colorless liq. B.P. 42.5°C. Sp. gr. 2.279. Insol. water; sol. alcohol, ether. Uses—methylating agent, organic synthesis, pharmaceuticals. Grades—C.P.; tech.

● Pkg—1, 15 lb. bottles, 5, 25 lb. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J

METHYL IONONE

$C_{14}H_{22}O$. M.W. 206. Yellow liquid. B.P. 140-150° C. at 22 mm. Uses—perfume formulations; soaps; cosmetics.

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYLISOBUTENYLKETONE see Mesityl Oxide

METHYL ISOBUTYL CARBINOL (4-Methyl, 2-Pentanol)

$(CH_3)_2CHCH_2CHOHCH_3$. Water-white liquid soluble in alcohol, hydrocarbons and most organic liquids. Solubility in water 1.73% at more than .05% calc. as acetic acid. F.P. 46°C. Uses—lacquers, mutual solvent, preparation synthtic resins. Grades—tech.

● Pkg—1 gal. cans, 5, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
L J & M La Place, Lellarts Lane, E Paterson, N J
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

METHYL ISOBUTYL CARBINOL ACETATE see Methyl Amyl Acetate

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

METHYL ISOBUTYL KETONE (see also Hexone)

$(CH_3)_2CH.CH_2COCH_3$. Lig. with agreeable odor. B.P. 118°C. Wt. 6.667 lbs. to gal. Sp. gr. .798, .804 at 20°/20°C. B.R. 115°-122°C. Acidity not more than .05% calc. as acetic acid. Flash 23°C. Solubility in water, 87% at 20° C. Sol. in acetone, alcohol, ether, hydrocarbons and most organic liq. Evaporate sl. faster than butyl acetate. Uses—solvent in nitrocellulose, gums, resins; used in lacquers as "medium-boiling" solvent.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 7
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

METHYL ISOPROPENYL KETONE

METHYL-ISOPROPYLBENZENE see Cymene

METHYL ISOPROPYL KETONE

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
International Selling Corp, 122 E 42 St, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

METHYL LAURATE

$CH_3(CH_2)_{10}CO_2CH_3$. M.W. 214.34 Liquid. B.P. 148°C. at 18 mm. Insol. water.

● Pkg—1, 5 gal. cans, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Robinson, Wagner Co, 110 E 42 St, N Y 17

METHYL MAGNESIUM BROMIDE

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

METHYL MAGNESIUM IODIDE

● Pkg—Custom packed.

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

METHYL MERCAPTAN (Methane Thiol)

CH_3SH. M.W. 48.09. Colorless liquid or gas. M.P. —123°C. B.P. 7.6°C. Sol. alcohol.

● Pkg—180 lb. cylinders.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Universal Mfg Co, P O Box 2427, Houston 1, Tex

METHYL METHACRYLATE, MONOMER (Monomeric Liquid, Acrylic Liquid)

$CH_2=C(CH_3)—COOCH_3$. Water-clear liquid. B.P 100.5°C. Sp. gr. 0.950. Refractive index 1.417. Viscosity @ 25°C. 0.59. Uses—plastics.

● Pkg—440 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Peters Chem Mfg Co, 3623 Lake St, Melrose Park, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

METHYL METHACRYLATE, POLYMER

● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Peters Chem Mfg Co, 3623 Lake St, Melrose Park, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

METHYL MONOBROMOACETATE

$BrCH_2COOCH_3$. M.W. 153. Colorless to straw-colored liquid. Completely miscible in acetone, benzene, carbon tetrachloride, ether, methanol; sol. n-heptane; slightly sol. water. Uses—as a lachrymator; in organic syntheses.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

n-METHYL MORPHOLINE

$C_2H_4OC_2H_4NCH_3$. M.W. 101.15. B.P. 115.4. Complete sol. water. Uses—reactive solvent and catalyst; stabilizer.

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

METHYL MYRISTATE

$CH_3(CH_2)_{12}CO_2CH_3$. M.W. 242.3. M.P. 18-9°C.

● Pkg—55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17

a-METHYL NAPHTHALENE

$C_{10}H_7CH_3$. M.W. 142. Colorless liquid. Insol. water; sol. most common organic solvents. Uses—primary reference fuel in standardization of Diesel engine fuels; organic synthesis.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

b-METHYL NAPHTHALENE

$C_{10}H_7(CH_3)$. M.W. 142.19. White, monoclinic crystals. M.P. 35-36°C. Insol. in water, but readily sol. in organic solvents. Uses—intermediate in mfr. dyestuffs, insecticides; in molten form, as solvent for high molecular-weight compounds, insol. in other media.

● Pkg—1, 5, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

2-METHYL-1,4-NAPHTHOQUINONE see Vitamin K

METHYL NAPHTHYL KETONE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYL NONYL KETONE

● Pkg—Bottles, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J

METHYL OLEATE

Orange-colored ester, faint fatty odor. Sp. gr. at 25°C., 0.866; dist. range (15 mm.), 200-215°C. Freezing P., below 0°C. Acidity, 4.6-5.3% free fatty acid (equal to about 10.6 mg. KOH per g.). Insol. in water; sol. in oils and organic solvents. Uses—plasticizer; mfr. cleaning and polishing compounds, molding lubricants; softener for leather, rubber, waxes, and resins; varnish remover; dye carrier.

● Pkg—1, 7, 35 lb. tins, 210, 380 lb. drums.

*Carlisle Chem Works, West St, Reading 15, Ohio
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Varlacoid Chem Co, 116 Broad St, N Y 4

METHYL ORANGE (Orange III, Gold Orange, Tropaeolin D, Sodium p-Dimethyl-Amino-Azo-Benzine-Sulfonate, Helianthin)

$C_{14}H_{14}O_3N_3SNa$. M.W. 327.3. Orange-yellow powder or crystalline scales. Uses—biological stain; pH indicator - pH range 3.0 (red) to 4.4 (yellow); titrimetric indicator in inorganic volumetric analysis.

● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*National Aniline Div, 40 Rector St, N Y 6

METHYL OXIDE see Ether, Dimethyl

METHYL PENTACHLORO STEARATE

$C_{17}H_{30}Cl_5COOCH_3$. M.W. 470.7. Clear yellow to deep, reddish-brown. Insol. water; sol. hydrocarbons. Use—plasticizer.

● Pkg—500 lb. drums.

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

2-METHYL-2, 4-PENTANEDIOL

$CH_3C(CH_3)OHCH_2CH_2OHCH_3$. M.W. 118.17. Uses—coupling agent in making single phase mixtures of water, petroleum naphtha, coal-tar hydrocarbons, castor oil, and the common organic ketones and esters; stabilizing agent in various emulsions.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Shell Chem Corp, 50 W 50 St, N Y 20

METHYL PENTANES

Colorless liquid used as a selective solvent.

● Pkg—5, 55 gal. drums.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

4-METHYL, 2-PENTANOL see Methyl Isobutyl Carbinol

METHYL PHENOL see Acid, Cresylic

m-METHYLPHENOL see m-Cresol

o-METHYL PHENOL see o-Cresol

METHYL PHENYL ACETATE

$C_6H_5.CH_2.CO_2CH_3$. M.W. 150.17. Liquid of honey-like odor. Sp. gr. 1.044 at 16°C. B.P. 220°C. Insol. water. Sol. alcohol, ether. Uses—in perfumery.

● Pkg—450 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 St, St Louis 1, Mo
George Lueders & Co, 427 Washington St, N Y 13
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J

METHYL PHENYL CARBINOL (Methyl Benzyl Alcohol; 1-Phenylethanol)

$C_6H_5CH(CH_3)OH$. M.W. 122.16. Colorless liquid. Density 1.013 at 20/4°C. B.P. 203°C.

● Pkg—Custom packed.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

METHYL PHENYL CARBINOL ACETATE

$C_6H_5CH(CH_3)OCOCH_3$. a. Phenyl ethyl acetate, Phenyl-methyl carbinyl acetate, Styrallyl acetate. Clear, colorless liquid with a gardenia type odor. Sp. gr. 1.024 at 25/25°C. Ref. index, 1.493 at 25°C. Completely miscible with alcohol and methanol, and practically insoluble in water at 25°C. Use—in perfume.

● Pkg—Custom packed.

*Dow Chem Co, Midland, Mich
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

METHYL PHENYLCINCHONINATE see Cinchophen Methyl Ester

N-METHYL-b-PHENYLISOPROPYLAMINE see Desoxyephedrine

METHYL PHTHALATE see Dimethyl Phthalate

METHYLPROCATECHIN see Guaiacol, Liquid

2-METHYL-PROPENE-1 see Isobutylene

p-METHYLPROPYLBENZENE see Cymene

METHYL-PROPYL CARBINOL see Alcohol, sec.-Amyl

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

FINE HEYDEN CHEMICALS

salicylates

METHYL SALICYLATE U.S.P.
SODIUM SALICYLATE U.S.P.
PHENYL SALICYLATE N.F.
AMMONIUM SALICYLATE N.F.
CALCIUM SALICYLATE
LITHIUM SALICYLATE N.F. VIII
MAGNESIUM SALICYLATE
SALICYLIC ACID: U.S.P. AND TECHNICAL

•

ACETYLSALICYLIC ACID U.S.P
also Starch Granulations
PARA-AMINOSALICYLIC ACID
SODIUM PARA-AMINOSALICYLATE
SALICYLAMIDE

• HEYDEN CHEMICAL CORPORATION
342 MADISON AVENUE, NEW YORK 17, N.Y.
Chicago • Philadelphia • San Francisco • Detroit • Providence

MONSANTO

METHYL SALICYLATE, U.S.P.

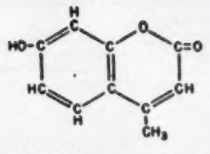
Specifications: Clear, colorless liquid; approx. 100% min.; solubility in 70% ethyl alcohol (1:7), complete; solubility in N KOH (1:10), complete; sp. g. 25 at 25° C., 1.180-1.185; U.S.P. test for heavy metals—negative. Weight per gallon 9.9 lbs. Free sample, 4 oz.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS—PLASTICS

KOPPERS
beta-METHYL
UMBELLIFERONE



USES: Its blue fluorescence is used to mask the yellow tints of soaps, waxes, plastics and synthetic fibers. Also used as an intermediate in organic syntheses, and as a screening agent in sun-tan lotions.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS

METHYL PROPYL KETONE (Acetylpropane, 2-Pentanone)

$C_5H_{10}O$. M.W. 86. Sp. gr. 0.809/20°/20°C. B.P. 101.7°C. Water white, dist. range more than 90% between 100-103°C. Uses—as a solvent, as a substitute for diethylketone.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Lack Chem Co, 19 Park Pl, N Y 7
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

METHYLPROPYLPHENOL see Thymol

METHYLPROTOCATECHUIC ALDEHYDE see Vanillin

METHYL RICINOLEATE

$C_6H_{13}CHOH\text{-}CH_2CH{=}CH(CH_2)_7COOCH_3$. M.W. 312. Clear, bright, low viscosity fluid. Uses—plasticizer; lubricant; cutting oil additive; wetting agent.
●Pkg—5 gal. cans, 55 gal. drums.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17

METHYL SALICYLATE (Synthetic Oil of Wintergreen, Synthetic Gaultheria Oil, Wintergreen, Oil of Wintergreen, Methylic Salicylas)

$C_6H_4.OH.COOCH_3$. M.W. 152.1. Colorless liquid with wintergreen odor. Sp. gr. 1.186-1.191. B.P. 219-225° C. M.P. —8.3°C. Sol. in 70% alcohol. Ester Value 369.3. Refractive Index 1.536-1.538. Made by heating methyl alcohol and silicylic acid in presence of sulfuric. Uses—as flavoring agent in extracts, candies, dentifrices, antiseptics, in soaps, disinfectants, etc. Grades—U.S.P.: tech.
●Pkg—25, 50, 500 lb. drums.

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
John A Chew, 60 E 42 St, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 St, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYL STEARATE

$C_{17}H_{33}CO_2CH_3$. M.W. 298.30. Colorless crystals. M.P. 38.39°C. Insol. water, sol. alcohol, ether.
●Pkg—1, 7, 35 lb. tins, 210, 380, 400 lb. drums.

W W Angus, 220 Broadway, N Y 38
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17

α-METHYL STYRENE

●Pkg—1, 2 gal. cans, 5, 10, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

METHYL SULFATE see Dimethyl Sulfate

METHYLTHIONINE CHLORIDE see Methylene Blue

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

METHYL p-TOLUENESULFONATE

$CH_3OSO_2C_6H_4CH_3$. M.W. 186.2. White to slightly colored liq. or crystals. Uses—Methylating agent.
● Pkg—225, 275, 500 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Monsanto Chem Co, Organic Chem Div, 800 N 12 St, St Louis 1, Mo
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

METHYLTOLUIDINES see Xylidines (Mixed)

METHYL-TRIMETHYLOL METHANE see Trimethylolethane

b-METHYL UMBELLIFERONE

$C_{10}H_8O_3$. M.W. 176.2. M.P. 186-187°C. Sol. alkalis; slightly sol. ethanol; insol. water, ether, chloroform. Uses—optical bleach or whitening agent for soaps and soap products; screening agent for ultraviolet radiation; organic intermediate.
● Pkg—100, 150, 250 lb. drums.

*Carlisle Chem Works, West St, Reading 15, Ohio
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

METHYL UREA

$CH_3NHCONH_2$. M.W. 74.1. Solid. M.P. 101-102°C. Very sol. water, alcohol; insol. ether.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

METHYL VIOLET (Crystal Violet, Pyoktanin Blue)

Mixtures of the hydrochlorides of pentamethyl-p-rosaniline and hexamethyl-p-rosaniline. Dark-green crystals. Sol. alcohol, water. Uses—indicator, as a dye.
● Pkg—Custom packed.

*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*National Aniline Div, 40 Rector St, N Y 6
Stanley Doggett Inc, 75 Varick St, N Y 13
*L & R Organic Products Co, 50 White St, N Y 13
*Sherwin-Williams Co, 100 Park Ave, N Y 17

METHYLAL (Methylenedimethyl Ester, Formal, Dimethoxymethane, Methylenedimethylate)

$CH_2(OCH_3)_2$. M.W. 76.08. Colorl., clear, volatile liquid. Chlorof. odor, pungent taste. Sol. water, alcohol, ether, oils. B.P. 42°C. Uses—in perfumery for extracting odors, medicine, dewaxing lubricating oils, extracting soybean oil, solvent.
● Pkg—35 lb. cans, 370 lb. drums.

*Celanese Corp of America, 180 Madison Ave, N Y 16
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Concord Mica Corp, 24 Crescent St, Penacook, N H
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

METHYLENE BLUE (Methylthionine Chloride, Tetramethylamidophenthiazinium, Tetramethylthioninchlorhydrate)

$C_{16}H_{18}N_3SCl3H_2O$. Tech. product is zinc chloride, double salt of tetramethylthionine. $(C_{16}H_{18}N_3SCl)_2.ZnCl_2H_2O$. Dark-green, amorp. cryst. or powd. Sol. water, alcohol, chloroform. Uses—stain in bacteriology; dyeing and printing textiles; laboratory reagent; in medicine. Grades—U.S.P.; tech.
● Pkg—25, 100 lb. drums.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Calco Chem Div, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*L & R Organic Products Co, 50 White St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

METHYLENE BROMIDE (Dibromomethane)

CH_2Br_2. M.W. 173.85. Colorless to yellowish liquid. Uses—organic synthesis, solvent, heavy liquid.
● Pkg—5 gal. carboys.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal

METHYLENE CHLORIDE (Dichloromethane, Methylene Bichloride, Carrene)

CH_2Cl_2. Colorless, non-inflam. liq. M.W. 84.930. Sp. gr. 1.336 (24°/4°C.). B.P. 39.8°C. Pounds/gal. 11.13. Sol. alcohol, ether. F.P. —96.7°C. V.D. (15°C.), lbs./cu. ft. 0.224. Latent heat of vap., B.T.U./lb. 135.5. S.H., Cal./Kg./°C. or B.T.U./lb./°F. 0.289 (15-40°C.). Miscible alcohol, ether, slightly sol. in water. Uses—mfr. intermediates, organic chemicals, synth. dyes, drugs and perfumes, lacquers; in medicine. Refrigerant; biological preservative. Degreasing and spotting agent. A solvent for dewaxing lubricating oils. Grades—tech.
● Pkg—5 gal. cans, 55 gal. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Belle Alkali Co, Belle, W Va
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Henley & Co, 801 2 Ave, N Y 17
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
*Solvay Process Div, 61 Broadway, N Y 6

METHYLENE CHLOROBROMIDE

● Pkg—5, 10, 55 gal. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

METHYLENE IODIDE (Di-Iodomethane)

CH_2I_2. M.W. 267.86. Yellow to brownish, very refractive liquid. Use—separation of mixtures of minerals.
● Pkg—1, 5, 25 lb. jars.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

MICA (Muscovite, Laminated Talc)

Native hydrous silicates. Crystalline. Sp. gr. 2.9. Decomposes on heating. Uses—mfr. lubricants, stove doors, ornamental tile, paints, textiles; as electrical insulator; oil-cloth and rubber filler; annealing steel. Grades—commercial.
● Pkg—50, 75, 100 lb. bags.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Colony Import & Export Corp, 11 E 44 St, N Y 17
Dalton-Cooper, 200 W 34 St, N Y 1
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*English Mica Co, 79 Prospect St, Stamford, Conn
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*General Elec, Chem Div, Pittsfield, Mass
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
R B Huber, 216 Tremont St, Boston 16, Mass
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Mineralite Sales Corp, 90 Pine St, N Y 5
Morningstar, Nicol, 6330 W 51 St, N Y 19
Nopel Corp, 2 Broadway, N Y 4
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MICA WATERGROUND and MICRO

Mica—a flaky mineral filler for use in Plastics, Paints, Special Cements, Rubber and Asphalt Compounds where its particular properties such as thermal and electrical insulation, transparency, toughness, flexibility and chemical inertness are of value.

THE ENGLISH MICA CO.
STERLING BUILDING, STAMFORD, CONN.

HERCOCEL®

Cellulose Acetate — Ethyl Cellulose Molding Powders
Hercocel A (cellulose acetate) in four formulations including flame-resistant. Hercocel E (ethyl cellulose) in general-purpose heat-resistant, and high-impact types.
Design assistance, technical counsel, and laboratory facilities for testing and product development.



HERCULES POWDER COMPANY
INCORPORATED
917 Market St., Wilmington, Del.

MICA, continued

Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

MILDEW PREVENTIVES, TEXTILE

Specially formulated compounds containing both inorganic and organic inhibitors which prevent the growth of spores and of particular value on shower curtains, etc., where the material is subjected to heat, dampness, etc.

*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Organic Chem Div, 800 12 Blvd, St Louis 1, Mo
*Montgomery Bros Inc, Penrose & Packer Aves, Phila 45, Pa
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
Sindar Corp, 330 W 42 St, N Y 36
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Synthetic Chem Inc, 335 McLean Blvd, Paterson 4, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

MILORI BLUE

Form of ferri-ferrocyanide. Contains gypsum, alum, barium sulfate or chalk. Uses—mfr. blue headed matches, laundry blue, lithographic and printing inks, lacquers, paints, varnishes, pigments; ingredient of fertilizer mixtures; coloring soap. Grades—tech.
● Pkg—Custom packed.

Barclay Chem Co, 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
Stanley Doggett Inc, 75 Varick St, N Y 13
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

MINERAL BLACK (Slate Black)

Natural. Solid. Made from heavy black slate. Use—as paint pigment. Grades—tech.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

MINERAL RUBBER (Elaterite, Gilsonite)

Fossil resin resembling asphaltum. Found in England, France, Switzerland, etc. Dark-brown, solid amorp. Saponification No. 56. Acid No. 4.9. Uses—mfr. paints; flux for asphalts and rubber; ingredient of protective coatings.
● Pkg—180, 200 lb. bags.

American Quinine Co, 15 William St, N Y 5
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Kingston Chem Co, 15 William St, N Y 5
R T Vanderbilt Co, 230 Park Ave, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

MOLDING COMPOUNDS

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
*General Electric Co, Chem Div, Pittsfield, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Plastichemicals Co, 1 Beekman St, N Y 38
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Synthetic Chem Inc, 335 McLean Blvd, Paterson 4, N J
Tobey Chem Co, 1472 Broadway, N Y 36
*Zophar Mills, 103 26 St, Bklyn 32, N Y

MOLDING POWDERS, PLASTIC

Synthetic resins of various chemical composition, thermosetting by nature, which set permanently under heat and pressure in hardened steel molds to form various three-dimensional shapes. Supplied in black and also in wide variety of colors. Used in making thermometers, barometers, office-equipment cases, stove fittings, utensil handles, clock and radio cases, telephones, microphones, cameras, scales, trays, lamp-bases, display stands, containers, caps, novelties, ignition parts, wall plates, switches, automotive parts, bobbins, spools, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Celanese Corp of America, 180 Madison Ave, N Y 16
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Eastman Chem Products, Kingsport, Tenn
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*General Elec, Chem Div, Pittsfield, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Plastichemicals Co, 1 Beekman St, N Y 38
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
Tobey Chem Co, 1472 Broadway, N Y 36
*Watertown Mfg Co, 127 Echo Lake Rd, Watertown, Conn

MOLYBDENUM, METAL

Mo. Dark gray-black powd. Sp. gr. 10.2. M.P. 2620° C. Uses—mfr. molybdenum steel.
● Pkg—Custom packed.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
International Selling Corp, 122 E 42 St, N Y 17

MOLYBDIC OXIDE (Molybdic Trioxide, Molybdic Anhydride)

MoO_3. M.W. 144.0. Sp. gr. 4.5. White rhombic crystals. Sol. ammonia and alkalies. Uses—mfr. various molybdenum salts, molybdenum metal; used as a reducing agent and reagent for P_2O_5, As_2O_5, H_2O_2, aromatic oxycompounds, phenols and alcohols.
● Pkg—200 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Prior Chem Corp, 420 Lexington Ave, N Y 17
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col
*Variacoid Chem Co, 116 Broad St, N Y 4

MONAZITE

Native phosphatic sand containing the rare earths, particular Ce, La, Th. Uses—mfr. cerium, thorium comps.; in certain alloys.

J M Baird Co, 254 W 31 St, N Y 1
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*S B Penick & Co, 50 Church St, N Y 7
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

n-MONOBUTYLAMINE

$C_4H_9NH_2$. Uses—mfr. pharmaceuticals, dyes, rubber chemicals, emulsifying agents, de-sizing agents for textiles, butylated acid amides and other analogous organic compounds. Can be condensed with aldehydes, ketones, and oxides. Reacts with phosgene, chlorhydrins, and cyanic or thiocyanic acid derivatives.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 123 S Broad St, Phila 9, Pa

MONO-tert-BUTYL-m-CRESOL

● Pkg—5, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

MONOCALCIUM PHOSPHATE, PRIMARY
see Calcium Phosphate, Monobasic

MONOCHLOROBENZENE (Chlorobenzol, Benzene Chloride, Chlorbenzene, Chlorbenzol Phenyl Chloride)

C_6H_5Cl. Colorless liq. Sp. gr. 1.112 (15°C.). M.P. —45°C. B.P. 132°C. Sol. alcohol, benzene, chloroform, ether; insol. water. Uses—mfr. picric acid, phenol, military poison gases, sulfur blacks and browns, synth. perfumes, dinitrochlorobenzene, intermediates, drugs and dyes. Grades—tech.
● Pkg—5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
George F Smith, 60 E 42 St, N Y 17
°Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

a-MONOCHLOROHYDRIN (Chlorpropyleneglycol)

$CH_2Cl.CH(OH).CH_2(OH)$. Yellow, syrupy liq. Sp. gr. 1.328 (15°C.). Miscible water, alcohol, ether. Uses—mfr. intermediates; to lower freezing point of dynamite.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Evans Chemetics, 250 E 43 St, N Y 17
*Hexagon Labs, 3536 Peartree Ave, N Y 69

MONOCHLOROTOLUENE

C_7H_7Cl. M.W. 126.5. Sp. gr. 1.075 at 25/15°C. Boiling range 158.5-160°C. Chemically stable to water, alkalies and most acids below 100°C. Uses—chemical syntheses, solvent.
● Pkg—44, 450, 475 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Sterone Corp, 250 W 57 St, N Y 19

MONOETHANOLAMINE (2-Hydroxyethyl Amine Ethanolamine)

$(CH_2.CH_2OH).NH_2$. Water-white liq. Sp. gr. 1.017 to 1.027 at 20/20°C., not less than 90% distilling between 165°C. and 173°C. Weight per gal., 8.6 lbs. at 20°C. Completely soluble water, alcohol, most organic solvents. 1% solution has pH of 11.5. Uses—mfr. dyestuffs, pharmaceuticals, textile compounds; acid gas absorbent; preparation cosmetic creams, polishes, oil, wax, solvent emulsions; removal of carbon from aluminum pistons of airplane motors, electrolytic condensers, dry cleaning soaps, soluble oils, dispersing agent for casein and shellac; penetrant, softening and moistening agent; mfr. pharmaceuticals. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

ETHYLENE OXIDE
ETHYLENE GLYCOL
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NONYL PHENOL
MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
POLYETHYLENE GLYCOLS

Branch Sales Offices: 180 West Washington St., Chicago 2, Ill.; 318 Melrose Bldg., Houston, Texas
Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas

For Technical data see our Catalog pages

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Chlorine • Potassium Carbonate • Sodium Bicarbonate • Ammonium Bicarbonate
Cleaning Compounds • Ammonium Chloride
Caustic Potash • Sodium Nitrite
Snowflake® Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

CHLORINATED BENZENES

1. Monochlorobenzene
2. o-Dichlorobenzene
3. p-Dichlorobenzene
4. Trichlorobenzene

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MONOCHLOROBENZENE

HOOKER ELECTROCHEMICAL COMPANY
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*Company classifies itself as manufacturer or producer of this product
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Monomers

For Polymerizations

Production
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Development
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Research



- Acrylate Esters
- Allyl Esters
- Allyl Methacrylate
- Acrylyl Chloride
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- Cross Linking Agents
- Cyclohexyl Methacrylate
- Diallyl Esters
- Diallyl Maleate
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- Vinyl Esters
- Vinyl Iodide
- Vinyl Naphthalene
- Vinyl Thiophene

Over 300 Monomers for Specialty Uses. Complete Laboratory and Plant Facilities For Custom Syntheses of Monomers and Polymers. Write for list A-5

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MONOETHANOLAMINE, continued

De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Failek Products Co, 163 Broadway, N Y 6
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
International Selling Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

MONOETHYLAMINE

$C_2H_5NH_2$ (Anhydrous). M.W. 45.1 (anhydrous). Color—water-white. Sp. gr. at 20°/20°C. 0.79-0.80. Monoethylamine content at least 70%. Flash pt. below 0°F. Wt. per gal. 6.63 lbs. Uses—dyestuff intermediate.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
International Selling Corp, 122 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Sharples Chem, 123 S Broad St, Phila 9, Pa
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

MONOETHYLANILINE (Ethylaniline)

$C_2H_5NHC_6H_5$. M.W. 121.09. Colorless liq. Sp. gr. 0.9631. M.P. —63.5°C. B.P. 204.7°C. Sol. alcohol. Uses—mfr. intermediate and organic chemicals, ethyl-benzylaniline, acid green, patent blue A, and other dyestuffs.
● Pkg—375, 750 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

MONOISOPROPANOLAMINE

$CH_3CH(OH)CH_2NH_2$. M.W. 75.08. Sol. water. Liquid with ammoniacal odor. Uses—in prep. of detergents, potential plasticizers, and insecticides.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

MONOMERS, see ad on this page, and Individual Listings

MONOMETHYLAMINE

CH_3NH_2. Inflam. gas, strong ammoniacal odor. Boils at —6°C. to —5.5°C. at 768 mm. mercury. One vol. water at 25°C. dissolves 959 vols. monomethylamine. Highly reactive base. Product of high purity supplied in water solution of 25-30% concentration by weight. Uses—depilatory tanning industry; mfr. dyes, chemical compounds; in liq. form good solvent for many organic compounds.
● Pkg—25, 50, 100, 1400 lb. cylinders.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
International Selling Corp, 122 E 42 St, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

MONOMETHYL p-AMINO PHENOL SULFATE

$(C_6H_4[OH]NHCH_3)_2H_2SO_4$. White crystalline powd. Decomposes at 260°C. Sol. water. Uses—mfr. motion picture films; dyeing hair and furs; as photographic developer. Grades—tech.; C.P.; photographic.
● Pkg—100, 200, 250 lb. drums, bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Philip A Hunt Co, Palisades Park, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
L B Russell Chem, 60 Orange St, Bloomfield, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

MONTAN

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1

MORDANTS, TEXTILE

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Geigy Co, 89-91 Barclay St, N Y 8
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J

MORPHOLINE (Tetra-Hydro-p-Oxazine)

C_4H_9ON. M.W. 87.1. A colorless liquid. B.P. 128° C. Sol. water, alcohol, ether. Ammonia odor. Possesses caustic, alkaline properties. Volatile in steam. It is a good solvent for resins, waxes, casein, shellac and many dyestuffs.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Jefferson Chem Co, 260 Madison Ave, N Y 16

MOSS, IRISH (Chondrush, Carragheen, Killeen, Pig-Wrack, Pearl Moss, Rock-Salt Moss)

Kelp found along coasts of Ireland and New England. Uses—mfr. soaps, food preparations; clarifying agent for chemical purposes; general sizing agent; dressing leather; in medicine. Grades—natural; U.S.P.; bleached (Chordrus Crispus).
● Pkg—50, 100, 200 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
T M Duche & Sons, 117 Hudson St, N Y 13
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Meer Corp, 318 W 46 St, N Y 36
Morningstar, Nicol, 630 W 51 St, N Y 19
William D Neuberg Co, 420 Lexington Ave, N Y 17
Paisley Products, 1770 Canalport St, Chicago 16, Ill
Prentiss Drug & Chem Co, 110 William St, N Y 38
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
O J Weeks Co, 44 N Moore St, N Y 13
*Jacques Wolf & Co, Passaic, N J

MORTAR, ACID-RESISTING

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa

METOL

(Monomethylparaminophenol Sulfate)

Registered Trade-mark

Sole Licensee

ZINSSER & COMPANY, Inc.

Hastings-on-Hudson, N. Y.

Established 1897

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

MOTHPROOFING AGENTS

*Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Barrett Div, 40 Rector St, N Y 6
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Huntington Labs Inc, E Tipton St, Huntington, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 12 Blvd. St Louis 1, Mo
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27

MOUNTAIN CORK see Asbestos

MOUNTAIN GREEN see Copper Carbonate

MOUNTAIN VERDITER see Copper Carbonate, Blue

MURILLO BARK see Soap Bark

MUSCOVITE see Mica

MUSK KETONE (4-tert-Butyl-2-Methyl-3,6 Dinitroacetophenone)

● Pkg—Custom packed.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

MUSK, NATURAL

$CH_3COC_6H(C_4H_9)(CH_3)(NO_2)_2$. M.W. 280.14. M.P. 136°C. Insol. water; sol. alcohol. Dried secretion from the prenuptial follicles of Moschus moschiferous, the musk deer of Central Asia. Irregular, shiny, dark grains, extremely penetrating odor. Sol. alcohol, water. Uses—in perfumery.

● Pkg—Custom packed.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dalton-Cooper, 200 W 34 St, N Y 1
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Tombarel Products Corp, 12 E 22 St, N Y 10

MUSK, SYNTHETIC

Pale yellowish crystals with odor resembling natural musk. Uses—Fixative in perfumes.

● Pkg—Custom packed.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Polak & Schwarz, 667 Washington St, N Y 14
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

MUTHMANN'S LIQUID see Acetylene Tetrabromide

MYRISTYL BROMIDE

$CH_3(CH_2)_{12}CH_2Br$. M.W. 277.3.

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, Devine St, N Haven, Conn

MYROBALAN EXTRACT (Terminala Chebula, Hurr Nuts)

Extract of Myrobalans containing 25% tannin. Uses—tanning leather; mordant in dyeing and printing cottons; dyeing silk black. Grades—liq. 25% tannin; solid, 50% tannin.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Dyewood Co, Main & Joralemon St, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

NAPHTHA, SOLVENT see Naphthas, Coal Tar

NAPHTHALENE (Tar Camphor, White Tar, Naphthalin)

$C_{10}H_8$. White, crystalline flakes or powd., strong coal-tar odor. Sp. gr. 1.15 (15°C.). M.P. 80.05°C. B.P. 217.96°C. Sol. benzene, absolute alcohol ether. Melting pt. minimum, 175°F. Uses—mfr. intermediates, organic chemicals, hydrogenated derivatives, naphthols, naphthylamines, phthalic acid and derivatives, phthalein dyestuffs, synth. indigo, motor fuels, trinitronaphthalene explosives, liquid air and ammonium nitrate explosives, insecticidal compositions, flea pwrs., artificial resins with formaldehyde, celluloid plastics, candles, phenolphthalein, diethylphthalate, synth. tannins, artificial leathers, lubricating compositions, resins, lacquers, varnishes, resin dyes; as moth proofing agent; substitute for camphor and paraffin; solvent in reclaiming rubber; solvent for resin and asphalt; laboratory reagent; binder for hard coal briquettes; wood and hides preservative; general disinfectant; enriching gas. Grades—flake; balls; crushed; blocks; grains; tablets; C.P.; U.S.P.; crude refined.

● Pkg—Bags, bbls., drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Calco Chem Div, Bound Brook, N J
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5

NAPHTHALENE

IMPORTED

SPOT and CONTRACTS

ATTRACTIVELY PRICED



The J. M. Baird Company

MANUFACTURERS • IMPORTERS • EXPORTERS

254 W. 31st St. • New York 1, N. Y.

Cable Address: JOMBAIRD, NEW YORK

ALGALOID—AGAGEL

(PURE EXTRACTIVES OF IRISH MOSS)

—FOR—

Emulsions — Stabilizing

Suspensions — Gel Formation

T. M. DUCHE & SONS, INC.

ESTABLISHED 1857

117 Hudson St., New York 13, N. Y.

Branches: Chicago • Boston

NAPHTHALENE

CRUDE AND REFINED AND OTHER COAL TAR PRODUCTS

REPUBLIC CHEMICAL CORP.

94 Beekman Street, New York 38

Cable Address: Jaynivrad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

U·S·S Naphthalene

Crude

Minimum melting point 77° to 78°C.

Tank-car quantities

UNITED STATES STEEL CORPORATION
525 WILLIAM PENN PLACE, PITTSBURGH 30, PA.

COAL CHEMICALS

UNITED STATES STEEL

Now Available
Koppers Refined and Crude
NAPHTHALENE
for industrial uses

● For refined naphthalene, the melting point is not less than 79.6°C. For the three standard grades of crude naphthalene the melting points are not less than 74°C., 76°C., and 78°C., respectively.

Koppers Refined or Crude Naphthalene is shipped in tank cars or in bags or barrels. Refined grade is available in crushed, chipped or flake form.

KOPPERS COMPANY, INC.
Tar Products Division
PITTSBURGH 19, PA.

KOPPERS

NAPHTHALENE
Refined Flake, Ball, Crushed and Chip
CRUDE
78° C.

Barrett®

*Reg. U.S. Pat. Off.

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

NAPHTHALENE

HOT PRESSED • WHIZZED • REFINED

GALLARD SCHLESINGER
CHEMICAL COMPANY

37-13 29th STREET, LONG ISLAND CITY 1, N. Y.

STILLWELL 4-3483 CABLE: GALLARDKEM

NAPHTHALENE, continued

*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Colo
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
De Bear Inc, 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Sales Corp, 500 5 Ave, N Y 36
*Inland Steel Co, 38 S Dearborn St, Chicago 3, Ill
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
*Naphthalene Products Co, P O Box 6328, Tarrant 7, Ala
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Neville Co, Neville Island, Pittsburgh 25, Pa
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Standard Naphthalene Products Co, 115 Jacobus Ave, S Kearny, N J
*Tar Residuals, 420 Lexington Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Tennessee Product & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
*White Cross Labs, 79 Wall St, N Y

p-NAPHTHALENE see Anthracene

1,3-NAPHTHALENEDIOL see Naphthoresorcinol

NAPHTHALIDINE see Naphthylamine (alpha & beta)

NAPHTHALIN see Naphthalene

NAPHTHAS, AROMATIC

Produced either by hydrogenation or extraction. Differ from straight run naphthas in that they have the ability to dissolve many substances that ordinary straight run solvent naphtha will not dissolve. Used largely to dissolve synthetic resins in the formulation of enamels.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
William S Gray & Co, 342 Madison Ave, N Y 17
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

NAPHTHAS, BLENDING

A low vapor pressure, high octane petroleum concentrate, used for blending with casinghead gasoline, volatile low octane gasoline, for the production if higher octane gasoline. Gravity, 43-45° A.P.I.; color, 30 plus; doctor, sweet; corrosion, negative; initial boiling pt., 220; end pt., 400; octane number, 70; Reid vapor pressure at 1000°F.; 1 lb.; Max. sulfur (lamp method), less than .05%; preformed gum, 1 milligram A.S.T.M. gum, 6 milligram.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex

NAPHTHAS, CLEANERS'

Special solvents or coal-tar or petroleum origin used by dry-cleaners for the removal of stains, dirt, grease, grime, etc., from clothes, garments, etc. See Benzine, Benzol, Naphtha (Coal Tar), Stoddard Solvent, etc. See also Bureau of Standards (CS3-38) Revised Standard for Stoddard Solvent.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Oil & Chem Products, 295 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

NAPHTHAS, COAL TAR (Solvent Naphtha)

Mixture of small amounts of benzol and toluol with xylol and higher homologues. a. Crude, dark, straw colored liq. b. Refined water-white. Sp. gr. a. 0.862-0.892. b. 0.862-0.872. B.P. a. and b. about 160°C. Flash Point about 25.6°C. Uses—extr. rubber solvents, soaps, oil-cloth, linoleum; washing crude anthracene; general solvent; dry cleaning; naphtha for dynamites; waterproofing agent; ingredient of paints, varnishes and enamels; xylol and cumol solvent and extractive medium in obtaining vegetable oils, fats, and essential oils. Grades—crude; refined.
●Pkg—55 gal. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Calco Chem Div, Bound Brook, N J
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

NAPHTHAS, DEODORIZED

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa

CHEMICALS

FOR ALL INDUSTRIES

NAPHTHALENE
(Crude and Refined)

COAL TAR PRODUCTS
DYESTUFFS
INTERMEDIATES
PIGMENTS

Fallek Products Co., Inc.
163 BROADWAY
NEW YORK 6, N. Y.

Cable Address: "Falcoprod"

YOUR CONTACT WITH THE WORLD'S MARKETS — ESTABLISHED 1918

DRUGS
CHEMICALS
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NAPHTHALENE
Flakes • Balls
Bulk - 1 lb. Packages

PARADICHLOROBENZENE
Crystals • Nuggets
Bulk - 5 lb. & 1 lb. Packages

ROBECO

ROSENTHAL BERCOW Co. INC.
ESTABLISHED 1918
25 East 26th Street, New York 10, N.Y., U.S.A.
CABLE "RODRUG" N. Y. — ALL CODES

SINCLAIR
Odorless Solvents
Light & Heavy
•
Aliphatic & Aromatic
Petroleum Solvents
•
Odorless Base Oil
•
Petroleum Sulfonates
Lubricating Oil
Additives
Olefins

SINCLAIR CHEMICALS, INC.
6 East 45th St., New York 17, N.Y.

PICCO

PICCO

COAL TAR NAPHTHAS
●
Coal Tar Solvents
High Solvency
Naphthas
Solvents

PENNSYLVANIA INDUSTRIAL CHEMICAL CORP.
CLAIRTON, PENNSYLVANIA
Representatives in Principal Cities

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

HERCULES



NAVAL STORES

Rosins, hydrogenated rosin, polymerized rosin, dehydrogenated rosin, terpene chemicals, turpentine, pine oils, toxaphene.



GM51-1

HERCULES POWDER COMPANY

978 Market St., Wilmington, Del.

NAPHTHAS, DEODORIZED, continued

C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20

NAPHTHAS, HYDROGENATED

Mixtures of aromatized hydrocarbons. Either slightly straw colored or limpid, water-white, depending upon the boiling point. Produced from the hydrogenation of petroleum. Uses—mfr. lacquers, varnishes, enamels; as thinners and in the mfr. of protective coatings.

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y

NAPHTHAS, ROSIN

*American Mineral Spirits Co, 155 E 44 St, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y

NAPHTHAS, STRAIGHT RUN

These naphthas are distilled directly from crude in a variety of boiling ranges to fit specific evaporation rates required for specific uses. Among these uses are paint thinners; cleaners' solvent; lacquer diluant; and rubber solvent.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Kendall Refining Co, Bradford, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

NAPHTHAS, V. M. & P.

An abbreviation for Naphtha, Varnish Makers' and Painters'. Specifications on this product are broad, as can be seen from the following: Sp. gr. in Baume API, 56-58; distillation range beginning from 190° to 200°F., and ending at 330°F. Mainly paraffins and naphthenes. See Benzine.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

NAPHTHENIC ACID SALTS

*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

NAPHTHOL see b-Naphthol

a-NAPHTHOL

$C_{10}H_7OH$. Colorless prisms or powd., disagreeable taste, phenolic odor. Sp. gr. 1.224 (4°C.). M.P. 97°C. B.P. 278-80°C. Sol. benzol, alcohol, ether; slightly sol. water. Uses—mfr. intermediates, synthetic drugs, perfumes, azo dyes; as antiferment. Grades—crude; refined.
● Pkg—55 gal. drums, bbls.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

b-NAPHTHOL (Naphthol, Isonaphthol, b-Monohydroxynaphthalene)

$C_{10}H_7OH$. White or colorless leaflets or powd. Sp. gr. 1.217 (4°C.). M.P. 122°C. B.P. 285-6°C. Sol. alcohol, ether, chloroform, benzene, oils, alkaline solutions. Slightly sol. hot water. Uses—mfr. synth. drugs and intermediates, synth. dyes; in medicine. Grades—tech.; resublimed (U.S.P.).
● Pkg—80, 100 lb. bags, 200, 250 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
Arnida Products Co, 15 Whitehall St, N Y 4
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Calco Chem Div, Bound Brook, N J
Castle Color & Chem Co, 24 W 45 St, N Y 19
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Fine Organics, 211 S 19 St, N Y 3
M W Hardy & Co, 141 Broadway, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

a-NAPHTHOL PHTHALEIN

$C_{28}H_{18}O_4$. M.W. 418.14. Pale to grayish-red powder. Insol. water, sol. alcohol. Uses—pH indicator - pH range 7.0 (yellow) to 9.00 (blue).
● Pkg—Custom packed.

J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Hartman-Leddon Co, 5819 Market St, Phila, Pa

NAPHTHORESORCINOL (1, 3-Naphthalenediol)

$C_{10}H_6(OH)_2$. M.W. 160.16. M.P. 124°C.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

a-NAPHTHYLAMINE (a-Aminonaphthalene, Naphthalidine)

$C_{10}H_7NH_2$. M.W. 143.08. White, solid, crystalline. Sp. gr. 1.131. M.P. 50°C. B.P. 300°C. Sol. alcohol, ether; slightly sol. water. Uses—mfr. intermediates, organic chemicals, azo dyes; as laboratory reagent; toning photographic prints; deblooming agent; developing agent in dyeing; petroleum. Grades—tech.; refined.

*Antara Chem Div, 435 Hudson St, N Y 14
J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*L & R Organic Products Co, 50 White St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19

b-NAPHTHYLAMINE (Naphthalidine)

$C_{10}H_7NH_2$. M.W. 143.08. Colorless needles. Alpha, sp. gr. 1.131. M.P. 50°C. B.P. 300°C. Slightly sol. water; sol. alcohol, ether. Beta, sp. gr. 1.0614 (98°C.). M.P. 111°C. B.P. 306°C. Sol. alcohol, ether, water. Uses—Alpha, mfr. Martins' blue, Magdala red; reagent for nitrites and nitrates. Beta, mfr. azo dyes; in organic synthesis.

J T Baker Chem Co, Phillipsburg, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*L & R Organic Products Co, 50 White St, N Y 13
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

b-NAPHTHYL SALICYLATE

$HO.C_6H_4.COO.C_{10}H_7$. M.W. 264.09. White, odorless, tasteless, cryst. powder. M.P. 95°C. Insol. water or glycerin; sparingly sol. cold alcohol, freely in boiling alcohol, ether. Use—Intestinal antiseptic, antizymotic, antirheumatic.
● Pkg—100 lb. bags.

*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

a-NAPHTHYL THIOUREA

Granulated grayish powder, insoluble in water; sol. in some organic solvents. Uses—rodenticide (powerful poison for the brown rat).
Pkg—Drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6

NAPLES YELLOW see Lead Antimoniate

NATIVE PARAFFINE OZACERITE see Wax, Ozokerite

NATURAL GAS BLACK see Carbon Black

NAVAL STORES

S L Abbot Co, 135 King St, San Francisco 7, Cal
J M Baird Co, 254 W 31 St, N Y 1
*Crosby Chem, P O Box 32, De Ridder, La
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
William S Gray & Co, 342 Madison Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Mutchler Chem Co, 258-259 Broadway, N Y
*Newport Industries, 230 Park Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Zophar Mills, 103 26 St, Bklyn 32, N Y

NEOCINCHOPHEN (2-Phenyl-6-Methyl-Quinoline-4-Carboxylic Acid Ethyl Ester)

$C_6H_5.CH_3.C_9H_4N.COOC_2H_5$. M.W. 291.33. White to pale yellow, odorless, tasteless, crystalline powder. Sol. hot alcohol; very sol. ether, chloroform; nearly insol. water. Use—medicinal.
● Pkg—Custom packed.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Calco Chem Div, Bound Brook, N J
Gane & Ingram, 43 W 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Sterone Corp, 250 W 57 St, N Y 19

NEODYMIUM CARBONATE

$Nd_2(CO_3)_3$. Pure form. Sol. hydrochloric, nitric, acetic acids. Uses—special absorption purposes by optical glass manufacturers; glass decolorizing agent. Grades—tech.

City Chem Corp, 132 W 22 St, N Y 11
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Varlacoid Chem Co 116 Broad St, N Y 4

NEODYMIUM NITRATE

$Nd(NO_3)_3.6H_2O$. M.W. 438.39.

City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Varlacoid Chem Co, 116 Broad St, N Y 4

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

NEODYMIUM OXALATE

$Nd_2(C_2O_4)_3 10H_2O$. H.W. 732.54. Uses—to produce orchid color in glassware; as decoloring agent to produce crystal clear glass of low light absorption.

City Chem Corp, 132 W 22 St, N Y 11
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

NEOMYCIN

American Roland Corp, 16 Hudson St, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*S B Penick & Co, 50 Church St, N Y 17

NEON

Ne. At. Wt. 20.183. Inert gas. Sp. gr. 0.674. B.P. —246°C. Uses—Neon lights (red).
● Pkg—1 L. flasks, 50 L. cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NEOPENTANE (2,2-Dimethylpropane)

$(CH_3)_4C$. M.W. 72.15. Liquid. B.P. 9.5°C. Insol. water; sol. alcohol, ether.
● Pkg—Pint, quart, gal. cylinders.

Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Joseph Turner & Co, Ridgefield, N J

NEROLIN (b-Naphthyl Ethyl Ether)

$C_{10}H_7$-O-C_2H_5. M.W. 172.1. White crystals with orange odor. M.P., 35.5°C. Insol. water, sol. alcohol, ether. Uses—perfumery.
● Pkg—1, 5, 25, 50, 100 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Polak's Frutal Works, Middletown, N Y
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

NEUTRAL AMMONIUM PHOSPHATE see Ammonium Phosphate, Tri

NEUTRAL MAGNESIUM PHOSPHATE see Magnesium Phosphate

NEUTRALIZERS, CREAM

°Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
°Solvay Process Div, 61 Broadway, N Y 6

NEW GREEN see Copper Acetoarsenite

NICKEL AMMONIUN SULFATE see Nickel Salts

NICKEL BLACK see Nickel Oxide

NICKEL BROMIDE

$NiBr_2 \cdot 3H_2O$. M.W. 272.57. Yellow-green deliq. powd. Sol. water, alcohol. Uses—hypnotic and sedative in medicine; chem. intermediate.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
°City Chem Corp, 132 W 22 St, N Y 11

NICKEL(OUS) ACETATE

$Ni(C_2H_3O_2)_2 + 4H_2O$. Green crystalline mass or powd. Sol. water; insol. alcohol. Uses—mordant in printing cotton goods and dyeing textiles.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*J T Baker Chem Co, Phillipsburg, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
°Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

NICKEL(OUS) CARBONATE, BASIC

Approx. $2NiCO_3 \cdot 3Ni(OH)_2 + 4H_2O$. M.W. 587.56. Light brown powd. Decomp. on heating. Sol. dilute mineral acids; insol. water. Uses—mfr. soaps, nickel salts; in ceramic colors and glazes; electroplating; for coloring metals; as catalyzer for hardening fats. Grades—tech.; C.P
● Pkg—100 lb. drums, 400 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
*J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Browning Chem Corp, 150 Broadway, N Y 38
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
°M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y 38
°Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5

NICKEL(OUS) CHLORIDE

$NiCl_2 6H_2O$. Green, deliq. crystalline powd. Sp. gr. 2.56. Sublimes on heating. Sol. water, and ammonium hydroxide. Uses—mfr. sympathetic inks; as laboratory reagent; nickel plating; absorbent for ammonia in gas masks; in medicine. Grades—tech.; C.P.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Browning Chem Corp, 150 Broadway, N Y 38
Chemical Service Corp, 82 Beaver St, N Y 5
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
European Chem Co, 366 Broadway, N Y 13
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
°M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
°Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
George F Smith, 60 E 42 St, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
°White Cross Labs, 79 Wall St, N Y

NICKEL(OUS) CYANIDE

$Ni(CN)_2$. Apple-green plates or powd. Loses water of crystallization at 200°C and then decomp. on further heating. Sol. solutions.
● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Quinine Co, 15 William St, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
*City Chem Corp, 132 W 22 St, N Y 11
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Kingston Chem Co, 15 William St, N Y 5
George F Smith, 60 E 42 St, N Y 17

NICKEL FLUOBORATE

$Ni(BF_4)_2 \cdot 7H_2O$. Green crystalline solid, readily sol. in water. Uses—catalytic reactions and organic synthesis.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

NICKEL FLUORIDE

NiF_2. M.W. 96.69. Greenish cryst. Insol. water; sol. potassium cyanide, ammonia, hydrochloric acid.

City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

NICKEL(OUS) FORMATE

$Ni(OOCH)_2 \cdot 2H_2O$. M.W. 184.7. Pale-green powd. Uses—prep. of nickel catalysts for oil hydrogenation and isomerization reactions.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Browning Chem Corp, 150 Broadway, N Y 38
°Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
*Kingston Chem Co, 15 William St, N Y 5
George F Smith, 60 E 42 St, N Y 17

NICKEL(IC) HYDROXIDE

$Ni(OH)_3$. Black powd. Uses—mfr. nickel salts.

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kingston Chem Co, 15 William St, N Y 5

NICKEL IODIDE

NiI2. M.W. 312.53. Iron-black solid. Sol. in water and alcohol. Uses—laboratory reagent.
● Pkg—Bottles.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
°Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

NICKEL LAURATE

J M Baird Co, 254 W 31 St, N Y 1
°Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

NICKEL, METAL

Ni. Steel-gray metal. Sp. gr. 8.9. M.P. 1452°C. Sol. slowly HCl, dilute H_2SO_4, dilute H_3PO_4, more rapidly in HNO_3. Uses—mfr. nickel steels and alloys; mfr. nickel salts.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Chemical Service Corp, 82 Beaver St, N Y 5
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
International Selling Corp, 122 E 42 St, N Y 17
L J & M La Place, Lellarts Lane, E Paterson, N J
°Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
Nopel Corp, 2 Broadway, N Y 4
*Philipp Bros Chem, 37 Wall St, N Y 5
*White Cross Labs, 79 Wall St, N Y

NICKEL NAPHTHENATE

M.W. about 520. 11% metal. Sol. hydrocarbons, vegetable oils. Uses—catalyst in oil treatment.

°Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
°Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

NICKEL NITRATE

$Ni(NO_3)_2 \cdot 6H_2O$. M.W. 290.79. Green, deliq. cryst. Sol. water, alcohol. M.P. 57°C. Uses—nickel plating, production nickel catalysts.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
°Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
°Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36

NICKEL(OUS) OXIDE (Nickel Black, Nickel Peroxide, Green Nickel Oxide, Nickel Protoxide)

NiO. M.W. 74.69. Natural and mfr. Sp. gr. 7.45. M.P. absorbs oxygen at 400°C. Is reduced to NiO_2 at 600°C. Sol. acids and ammonium hydroxide. Uses—mfr. nickel salts; painting on porcelain; as catalyst in making various chemicals. Grades—green powd.; peroxide, black powd.; C.P.
● Pkg—100 lb. drums, 400, 500, 800, 1000 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kolon Trading Co, 15 Park Row, N Y 38
Philipp Bros Chem, 37 Wall St, N Y 5
*Variacoid Chem Co, 116 Broad St, N Y 4

NICKEL PEROXIDE see Nickel Oxide

NICKEL POWDER

Ni. 99.65%. Furnished in 100, 200, 300 mesh.
● Pkg—750 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Metals Disintegrating Co, Elizabeth B, N J

NICKEL PROTOXIDE see Nickel Oxide

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Faesy and Besthoff Inc.

NICKEL SULPHATE

325 SPRING STREET
NEW YORK 13, N. Y.

ALgonquin 5-7300

Plant and Warehouse: Hicksville, L. I.

NICKEL SALTS, SINGLE & DOUBLE (Nickel Sulfate, Electrolytic Salt, Blue Salt, Nickel Ammonium Sulfate, Nickelous-Ammo Sulfate)

Single—a. $NiSO_4$. b. $NiSO_4.6H_2O$. c. $NiSO_4.7H_2O$. a. Yellow. b. Blue. c. Green. Solid crystalline. Sp. gr. a. 3.418 (15°C). b. 2.031. c. 1.98. M.P. a. loses SO_3 at 840°C. b. loses $6H_2O$ at 280°C. c. 98-100°C. a. Sol. water. b. and c. sol. alcohol. a. insol. alcohol, ether. Uses—mfr. nickel ammonium sulfate, paints, varnishes, ceramics; in nickel plating; blackening brass and zinc; as mordant in dyeing and printing textiles; catalyst for oils. Grades—tech.; C.P. Cont. bbls. (300 lbs.); kegs (100 lbs.); bottles ¼, 1, 5 lbs.). Tariff, 25%. Double—$NiSO_4.(NH_4)_2SO_4.6H_2O$. Bluish-green prisms. Sp. gr. 1.929 (20°C). Sol. water and ammonium sulfate. Uses—in nickel plating; galvanoplastic work; violet coloring of metal; photo-engraving; oil and tallow refining. Grades—tech.; purified; C.P.

●Pkg—100 lb. drums, 400 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Browning Chem Corp, 150 Broadway, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Faesy & Besthoff, 325 Spring St, N Y 13
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*M W Hardy & Co, 141 Broadway, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Industrial Sales Corp, 500 5 Ave, N Y 36
*Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y 38
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Tobey Chem Co, 1472 Broadway, N Y 36
*Variacoid Chem Co, 116 Broad St, N Y 4
*White Cross Labs, 79 Wall St, N Y

NICKEL STEARATE

$Ni(C_{18}H_{35}O_2)_2$. M.W. 625. Green powd. M.P. 150-160°C. Washed ash, 11.4%, sol. ash, 1.6%. Solubility, insol. in water, alcohol, esters, and other low M.W. polar compounds. It is sol. in aromatic hydrocarbons and forms gels with mineral spirits and petroleum oils. Uses—lubricants, wax, and water-proofing compounds, coating and plastic compositions, catalyst, leather treatment, detergent in organic liq. powdered quench in nickel welding.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

NICKEL SULFATE see Nickel Salts

NICKEL TITANIUM

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Legion Chem, 70 Wall St, N Y 5
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

NICKELOUS-AMMO SULFATE see Nickel Salts

NICOTINAMIDE (Acid, Nicotinic Amide)

$C_5H_4NCONH_2$. White powd., slightly deliq. Faintly aromatic odor. Uses—medicinal.

●Pkg—10, 100, 200 lb. drums.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*R P Scherer Corp, 9425 Grinnell Ave, Detroit 13, Mich
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

NICOTINE (b-Pyridyl-n-Methyl-Pyrrolidine)

$C_{10}H_{14}N_2$. Alkaloid from tobacco. Thick water-white oil. Sp. gr. 1.00924. B.P. 246.7°C. Uses—medicinal, insecticide, tanning.

●Pkg—1, 2, 8 lb. tins, 40, 100, 125 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

NICOTINE SULFATE

$C_{10}H_{14}N_2.H_2SO_4$. Commercially available in solutions, usually 40% equivalent of nicotine. Uses—as horticultural insecticide; in medicine. Poisonous. Grades—tech.

●Pkg—3, 20 lb. bags, 1, 2, 5 lb. tins, 50 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Conray Products Co, 510 Ave of the Americas, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Chem Div, 40 Rector St, N Y 6
Hummel Chem Co, 90 West St, N Y 6
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

QUALITY
SERVICE
RELIABILITY
PRICE

Direct Importers of

NICKEL SALTS
CYANIDES
and other PLATING CHEMICALS

BROWNING CHEMICAL CORP.
(an affiliate of F. M. BROWNING CO.)
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NICKEL SULFATE

Nickel Formate
Nickel Chloride
Nickel Carbonate

Zinc Chloride

SODIUM CYANIDE

Potassium Cyanide
Copper Cyanide

COBALT • CADMIUM

Industrial Chemicals

AMERICAN FIRSTOLINE CORPORATION
420 LEXINGTON AVE., N. Y. 17, N. Y.
MU-3-3203

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

NICOTINIC ACID AMIDE see Nicotinamide

NIKETHAMIDE (N,N-Diethyl Nicotinamide, Nicotinic Diethylamide Acid)

$C_5H_4N.CON(C_2H_5)_2$. M.W. 178.13. Yellow, almost odorless liq. Miscible with water. Uses—medicine.
●Pkg—Custom packed.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
Lack Chem Co, 19 Park Pl, N Y 7
*Maxim Chem Co, 44 Cliff St, N Y 38
*Nepera International Corp, 37 Wall St, N Y 5
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

NIL ALBA see Zinc Oxide

NINHYDRIN (Reagent for Amino Acids)

●Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Custom Chem Labs, 2054 N Cicero Ave, Chicago 39, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill
*Pierce Chem Co, P O Box 117, Rockford, Ill
Frank Samuel & Co, 24 State St, N Y 4

m-NITRANILINE

$C_6H_4(NO_2)NH_2$. M.W. 138.06. Yellow needles. Sp. gr. 1.43 (18°C). M.P. 111.8°C. B.P. 285°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. azo dyestuffs, alizarin yellow GG, tetranitroaniline, metraniline yellow, Ianus Red BW, intermediates, organic chemicals; as explosive; color test for pine wood; developing colors in printing and dyeing textiles. Grades—tech.; 96%.
●Pkg—125, 150 lb. bbls., drums.

*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

o-NITRANILINE (o-Nitroaminobenzene)

$C_6H_4(NO_2)NH_2$. Orange-yellow cryst. Sp. gr. 1.442. M.P. 71°C. Sol. alcohol, ether, hot water. Uses—mfr. dyes.
●Pkg—200 lb. bbls., drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-NITRANILINE

$NO_2C_6H_4.NH_2$. Yellow needles. Sp. gr. 1.437 (14° C). M.P. 148°C. B.P. 210°C (20 mm. pressure). Sol. alcohol, ether; sl. sol. water. Uses—mfr. color lakes, dyestuffs, paranitraniline red, paraphenylenediamine; producing para red on textile fibres. Grades—technically pure (90.5%).
●Pkg—350 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

p-NITRANILINE, RED (Azophor Red, Para Red, Nitrazol, Discharge Lake R, p-Nitrobenzene-azobetanaphthol)

$C_{16}H_{11}N_3O_3$. Red powd. or paste. Uses—as dyestuff
●Pkg—Drums; bbls.; tins, various sizes.

*Calco Chem Div, Bound Brook, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

NITRATINE see Sodium Nitrate

NITRAZOL see p-Nitraniline, Red

NITRE see Potassium Nitrate

NITRE CAKE see Sodium Bisulfate

NITRIC OXIDE

●Pkg—Custom packed.

*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NITRIDING COMPOUNDS

Preps. for increasing the hardness of metal through the formation of metallic nitrides. See also Case-Hardening Materials, Carburizing Compounds.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Heatbath Corp, Box 78, Springfield, Mass
*Kali Mfg Co, 427 E Moyer St, Phila 25, Pa
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich

NITRILES

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

NITRILOMALONAMIDE see Cyanoacetamide

o-NITROAMINOBENZENE see o-Nitraniline

NITROANISOLE

$C_6H_4(OMe)NO_2$. M.W. 153.1.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Sterone Corp, 250 W 57 St, N Y 19

o-NITROANISOLE

$C_7H_7NO_3$. M.W. 153. Light reddish to light amber liq. Cryst. Pt.—9.6°C. Dist. Range—269.0°C. to 273.0°C. Wt. per gal., 10½ lbs. approx. Uses—mfr. dyestuffs; inorganic synthesis. Ship. Class—Dye intermediate. Ship. reg.—Poison (label).
●Pkg—550, 1000 lb drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

NITROBARITE see Barium Nitrate

NITROBENZENE (Nitrobenzol, Oil, Mirbane, Essence of Mirbane, Nitrobenzide)

$C_6H_5NO_2$. M.W. 123.05. Yellow, oily liq., odor bitter almonds. Sp. gr. 1.208 (15°C). M.P. 5.70°C. B.P. 210.85°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. aniline and azobenzene, benzidine, quinaldin, quinoline, metanilic acid, various intermediates, organic chemicals, synth. dyestuffs of azo, nigrosine, aniline, fuchsine and other groups, tetranitroaniline, and other high explosives, cosmetics, toilet preps., dust preventatives, polishes, greases, glues, cements, soaps; artificial oil almonds in perfumery; selective solvents for making lubricating oil; odorant for grease, etc. Grades—tech.; redistilled; 97% (Oil of Mirbane).
●Pkg—500,1000 lb drums.

J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17

NITRILES FROM FATS

The ARNEELS are a series of high molecular weight aliphatic nitriles made from both saturated and unsaturated fatty acids.

The ARNEELS are available in commercial quantities for use in plasticizers for synthetic rubber and plastic products, waterproofing compounds, chemical synthesis.

For descriptive bulletins and samples, write:

ARMOUR CHEMICAL DIVISION

Armour and Company
1355 W. 31st Street • Chicago 9, Illinois

*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fritzsche Bros, 76 9 Ave, N Y 11
McKesson & Robbins, 155 E 44 St, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

p-NITROBENZENE-AZOBETANAPHTHOL see p-Nitraniline, Red

NITROBENZIDE see Nitrobenzene

NITROBENZOL see Nitrobenzene

m-NITROBENZOYL CHLORIDE

$C_6H_4NO_2COCl$. M.W. 185.5. Yellow to brown liq. partially crystallized. Uses—dyes; pharmaceuticals.
●Pkg—50 lb pails.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

p-NITROBENZOYL CHLORIDE

$NO_2C_6H_4COCl$. M.W. 185.5. Yellow, crystalline lump material with characteristic odor. Uses—mfr. of novocaine; dyes.
●Pkg—33 lb carboys, 350 lb drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

NITROCALCITE see Calcium Nitrate

NITROCELLULOSE (Pyroxylin, Gun Cotton, Cellulose Nitrate)

$C_{12}H_{16}(ONO_2)_4O_6$. M.W. 504.16. Yellowish, amorp. mass. Sp. gr. 0.1-0.3. Sol. ether, alcohol, ethyl acetate, nitrobenzene, benzene, acetone, amyl acetate, etc. Uses—mfr. explosives, collodion solutions, lacquers, photographic films, bronzing liq., dopes, cements, enamels. Grades—tech.; Cont.—kegs, various sizes. Ship. reg. prohibited by express; wet with water, inflammable solid; dry, dangerous explosive; wet with alcohol or solvent, inflammable liq.
●Pkg—5 gal cans, 50 gal bbls, drums.

*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

NITRO-CELLULOSE SOLUTIONS

- ACETIC ACID
- COLLODION
- FORMALDEHYDE

- NITRO-CELLULOSE SCRAP SOLUTIONS

—•—

SCHOLLE
CHEMICAL CORPORATION
6641 RIDGE AVENUE
CHICAGO 26, ILLINOIS

NITROGEN COMPOUNDS

Alkyl Amines, Ethylene Amines, Morpholine, Ethanolamines, Isopropanolamines, Alpha Methyl Benzyl Amines, and Acetoacetarylamides are among the nitrogen compounds commercially available from Carbide. These organic nitrogen compounds are widely used in many industries as neutralizing agents, emulsifiers, and as raw materials in the synthesis of other important chemical compounds. Many of Carbide's nitrogen compounds are shipped in tank cars, as well as in drums. For further information, write for our catalog "Aliphatic Nitrogen Compounds."

CARBIDE AND CARBON CHEMICALS COMPANY
A Division of
Union Carbide and Carbon Corporation
30 E. 42nd St. UCC New York 17, N. Y.
In Canada: Carbide and Carbon Chemicals, Limited

MONSANTO ORTHONITROCHLORBENZENE

Appearance: greenish-yellow crystalline mass.
Crystallizing point: 31.7° C. minimum.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

NITROCELLULOSE, continued

*Bell Chem Co, 25 W 44 St, N Y 36
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*Hercules Powder Co, 978 Market St, Wilmington 99, Del

NITROCELLULOSE SOLUTIONS

●Pkg—54 gal drums.

*Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

m-NITROCHLOROBENZENE

$C_6H_4ClNO_2$. M.W. 157.5. Greenish-yellow crystalline mass. Cryst. Pt. 48.9°C. Uses—for conversion into various important meta derivatives. Ship. Class.—dye intermediate. Ship. Reg.—Poison (label required).
●Pkg—500 lb drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

o-NITROCHLOROBENZENE (o-Nitrochlorobenzol)

$C_6H_4(NO_2)Cl$. M.W. 157.5. Colorless cryst. Sp. gr. 1.365 (12°C). M.P. 32.5°C. B.P. 245.7°C. Sol. alcohol, ether. Uses—mfr. intermediate and organic chemicals, dyes, chrome colors, orthoanisidine, orthonitrophenol guaiacol. Grades—tech.
●Pkg—550, 1000 lb drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Lapaco Chem, 1800 Glenrose Ave, Lansing, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

p-NITROCHLOROBENZENE

$NO_2C_6H_4Cl$. Colorless cryst. Sp. gr. 1.520 (18°C). M.P. 83°C. B.P. 242°C. Sol. alcohol, ether. Uses—mfr. dyestuffs, intermediates, organic chemicals, paranitraniline, paranitrophenol, para-aminophenol, phenacetin. Grades—98% tech.
●Pkg—325 lb bbls, drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Lapaco Chem, 1800 Glenrose Ave, Lansing, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

o-NITROCHLOROBENZOL see o-Nitrochlorobenzene

NITROCHLOROFORM see Chloropicrin

NITROCHLOROMETHANE see Chloropicrin

1-NITRO-2,5-DICHLORBENZENE see 2,5-Dichloronitrobenzene

NITROETHANE

$CH_3CH_2NO_2$. The reactions of nitroethane are similar to those of nitromethane but are limited by the presence of only 2 rather than 3 reactive hydrogens in the molecule. It forms ethylamine upon reduction.
●Pkg—1 gal cans, 5, 55 gal drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

2-NITRO-2-ETHYL-1, 3-PROPANEDIOL

$CH_2OHC(C_2H_5)(NO_2)CH_2OH$. Quite similar to the corresponding methyl derivative, but is more sol. in organic solvents. Its M.W. is sl. higher and its M.P. lower than that of the methyl derivative.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

NITROGEN COMPOUNDS

*J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

NITROGEN GAS

N_2. M.W. 14.008. Gaseous element in the atmosphere with atomic No. 7. Colorless. Dens. (air—1) 0.967. M.P. —209.86°C. B.P. —195°C. Sl. sol. water, alcohol. Uses—in places where its inertness is an advantage—such as filling electric light bulbs.
●Pkg—Cylinders.

*Air Reduction Sales Div, Air Reduction Co, 60 E 42 St, N Y 17
*Linde Air Products Co Div, 30 E 42 St, N Y 17
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NITROGEN, LIQUID

●Pkg—Bulk.

*Linde Air Products Co Div, 30 E 42 St, N Y 17
Nitrogen Products, National Bank Bldg, New Brunswick, N J

NITROGEN TETROXIDE

N_2O_4. M.W. 92. Uses—addition to organic unsaturated compounds, nitration of organic compounds, oxidation, explosives; catalyst, flour bleaching.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NITROMETHANE

CH_3NO_2. M.W. 61.04. Moderately sol. water; sol. organic liq. Uses—raw material for synthesis; solvent.
●Pkg—1 gal cans, 5, 55 gal, drums.

City Chem Corp, 132 W 22 St, N Y 11
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

2-NITRO-2-METHYL 1,3-PROPANEDIOL

$CH_2OHC(CH_3)NO_2CH_2OH$. M.W. 135.12. Very sol. water. Uses—raw material for synthesis.
●Pkg—1, 5, 55 gal drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

2-NITRO 2-METHYL-1 PROPANOL

$CH_3C(CH_3)NO_2CH_2OH$. M.W. 119.12. Very sol. water. Uses—heat sensitizer for rubber latex; raw material for synthesis.
●Pkg—1, 5, 55 gal drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

NITROPARAFFINS

Saturated aliphatic nitrohydrocarbons, obtained by reacting petroleum hydrocarbons with nitric acid. Four basic NP's now being produced are Nitromethane, Nitroethane, 1-Nitropropane and 2-Nitropropane. Uses—solvents for nitrocellulose, vinyl and alkyd resins, and other resins, fats, waxes and dyestuffs. Raw material for chemical syntheses, adhesives, protective coatings, selective solvent refining processes, plastics, resins, detergents, wetting agents, cosmetics, insecticides, fumigants, pharmaceuticals, and textiles.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16

o-NITROPHENOL

$C_6H_4(NO_2)OH$. M.W. 139.05. Yellow prisms. Sp. gr. 1.447. (20°C). M.P. 45°C. B.P. 214°C. Sol. alcohol, ether. Uses—mfr. dyes, nigrosine, intermediate and organic chemicals. Grades—tech.

● Pkg—300 lb bbls, drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

p-NITROPHENOL

$NO_2C_6H_4.OH$. Colorless or yellowish cryst. Sp. gr. 1.479. M.P. 113.8°C. Decomp. at 279°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. intermediates, organic chemicals, sulfur colors, para-aminophenol, paranitrophenetole, paraphenetidine, methylpara-aminophenol, photographic developers, salophen, phenacetin, phenolphthalein. Grades—tech. (99%); paste, 70%.

● Pkg—200 lb drums, 285 lb bbls.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

1-NITROPROPANE

$CH_3CH_2CH_2NO_2$. M.W. 89. Water-white liq. Sl. sol. water; miscible with organic liq. Uses—raw material for synthesis; solvent for cellulose esters, vinyl copolymers, dyes, resins.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

2-NITROPROPANE

$CH_3CHNO_2CH_3$. M.W. 89. Water-white liq. B.P. 120°C. Freezing Pt. —93°C. Flash Pt. (Tagliabue open cup) 75°F. Refractive Index at 20°C, 1.3941. Sp. gr. 0.992 at 20°C.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

p-NITROSO DIMETHYLANILINE

$NOC_6H_4N(CH_3)_2$. M.W. 150.09. Green leaflets. M.P. 35°C. Sol. alcohol, ether. Uses—mfr. methylene blue, indophenol and other dyes, vulcanization accelerators. Grades—tech.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*National Aniline Div, 40 Rector St, N Y 6

NITROSO-b-NAPHTHOL

$C_{10}H_4(NO)OH$. M.W. 173.06. Orange crystalline solid. M.P. 109.5°C. Sol. acetic acid, benzene, ether. Uses—reagent for analysis of metals, dye intermediate. Grades—reagent, tech.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md

NITROSOPHENYL HYDROXYLAMINE see Cupferron

NITROSYL CHLORIDE

J M Baird Co, 254 W 31 St, N Y 1
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NITROTOLUENE (Ortho, Meta, Para)

$NO_2C_6H_4.CH_3$. M.W. 137.06. Ortho—yellow liq. Meta—yellow solid crystalline. Para—yellow solid crystalline. Sp. gr. ortho 1.168. Meta 1.164 (19.1°C). Para 1.286 (20°C). M.P. ortho —10.6°C. Meta 15.5° C. Para 51.3°C. B.P. ortho 222.3°C. Meta 230 to 231°C. Para 237.7°C. Sol. alcohol, ether, benzol. Uses—mfr. toluidine, fuchsine, and other groups of synth. dyes, di and tri nitrotoluene, para and ortho nitrotoluene. Grades—tech.

● Pkg—Drums, bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6

m-NITRO-p-TOLUIDINE

$C_7H_8N_2O_2$. Crystalline powd. Uses—mfr. monoazo dyes, other intermediates.

● Pkg—200, 225 lb. drums, 175 lb. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L & R Organic Products Co, 50 White St, N Y 13
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

o-NITROTOLUIDINE

$C_7H_7NO_2$. M.W. 137.06. Yellowish liq. at ordinary temp. M.P. —10°C. B.P. 222°C. Almost insol. water; sol. alcohol, benzene, petrol; benzin. Uses—mfr. a-toluidine, o-tolidine, o-nitro-benzoic acid, etc., as oxidizer in mfr. fuchsine.

*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Sterone Corp, 250 W 57 St, N Y 19

NITROUS OXIDE

N_2O. M.W. 44.02. Colorless gas at standard conditions, almost odorless, sweet taste. Uses—anesthesia; preservation of milk, cream, fruits.

● Pkg—Cylinders.

*Thomas A Edison, Medical Gas Div, P O Box 15, Stuyvesant Falls, N Y
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

NONALDEHYDE (Pelargonaldehyde)

$C_9H_{18}O$. M.W. 142.1.

*Edcan Labs, 10 Pine St, S Norwalk, Conn
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36

NONANE

● Pkg—Pint, quart bottles.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

NONENES

● Pkg—55 gal. drums.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Enjay Co, 15 W 51 St, N Y 19
*Pan American Chem Div, 122 E 42 St, N Y 17
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

n-NONYL ALDEHYDE

● Pkg—Custom packed.

*Edcan Labs, 10 Pine St, S Norwalk, Conn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

NONYL BROMIDE

● Pkg—Bottles, 5 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C.
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

NONYL PHENOL

● Pkg—5, 55 gal. drums.

*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

NORGE NITER see Calcium Nitrate

NORWEGIAN SALTPETER see Calcium Nitrate

NOVOCAINE see Procaine Hydrochloride

NUTGALL EXTRACT see Gall Extract

NUTGALLS (Galls, Galla, Aleppo Galls, Mecca Galls, Turkey Galls)

Excrescences on various species of oak. Habitat—Persia, Syria, Turkey, Tripoli, Italy, France, Germany, Austria. Uses—mfr. gallic and gallitannic acids, black inks; as mordant in dyeing and printing textiles; tanning leather and source of tanning; in medicine. Grades—Chinese and Aleppey; whole and powdered.

*S B Penick & Co, 50 Church St, N Y 7
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Zinsser & Co, Hastings-on-Hudson, N Y

CSC

NITROPARAFFINS
NITROMETHANE
NITROPROPANE
1-NITROPROPANE
2-NITROPROPANE

Powerful solvents materials for syntheses

Industrial CSC Chemicals
Acetone
Ammonia
Methanol
Methylamines
Formaldehyde
Riboflavin Crystals
Tributyl Phosphate
Ethyl Alcohol
Butanol

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS
Corporation
260 Madison Avenue
New York 16, New York
See Our Catalog Ad

Jefferson
CHEMICAL COMPANY, INC.
260 MADISON AVENUE, NEW YORK 16, N. Y.

ETHYLENE OXIDE
ETHYLENE GLYCOL
ETHYLENE DICHLORIDE
DIETHYLENE GLYCOL
MONOETHANOLAMINE
DIETHANOLAMINE
TRIETHANOLAMINE
NONYL PHENOL
MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
POLYETHYLENE GLYCOLS

Branch Sales Offices: 180 West Washington St., Chicago 2, Ill.; 318 Melrose Bldg., Houston, Texas
Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas
For Technical data see our Catalog pages

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

OAK EXTRACT (Quercin)

Extract made from bark of Quercus rubber. Uses—tanning leather products. Grades—25%.

American Dyewood Co, Main & Joralemon Sts, Belleville, N J

OCHRES

Earthy iron oxides. Yellow, red and brown. Natural product. Insol. Uses—as pigment in paints, varnishes, paper, linoleum, oil-cloth. Grades—based on tinctorial powd. and iron oxide content.

● Pkg—Bags.

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 29, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

OCTACHLORO-4,7-METHANO-TETRAHYDROINDANE see Chlordane

OCTADECANOL see Alcohol, Stearyl

OCTADECYL BROMIDE

● Pkg—Custom packed.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, Devine St, N Haven, Conn

OCTANE

● Pkg—Custom packed.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

OCTANOL-1 see Alcohol, Octyl (Normal, Primary)

2-OCTANOL see Alcohol, Octyl (Normal, Secondary)

OCTANOYL CHLORIDE see Caprylyl Chloride

OCTYL ACETATE (2-Ethyl Hexyl Acetate)

$C_4H_9CH(C_2H_5)CHO$. Liq. boiling at 163.4°C. and with a sp. gr. of .8733 at 20°/20°C. Uses—lacquer and ink solvent.

● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

OCTYL ACRYLATE

*Rohm & Haas, 712 Locust St, Phila 5, Pa

OCTYL ALDEHYDE (2-Ethyl Hexanal)

$C_4H_9CH(C_2H_5)CHO$. Liq. boiling at 163.4°C. and with a sp. gr. of .8240 at 20°/20°C. Uses—synthesis.

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36

OCTYL AMINE, tert

*Rohm & Haas, 712 Locust St, Phila 5, Pa

OCTYL AMMONIUM PHOSPHATE

60% solution. Approx. chem. constitution $(C_8H_{17})(NH_4)_2PO_4$ and $(C_8H_{17})_2(NH_4)PO_4$. Pale straw color. Sl. ester odor. Sp. gr. 1.06. pH 7.0-7.4.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

OCTYL BROMIDE

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

OCTYL CHLORIDE

$C_8H_{17}Cl$. M.W. 148.64.

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Humphrey-Wilkinson, Devine St, N Haven, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

OCTYL DECYL PHTHALATE

Burgess Chem Co, 64 Hamilton St, Paterson, N J
*Ohio-Apex Inc Div, Nitro, W Va
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

tert-OCTYL DISULFIDE

$(C_8H_{17})_2S_2$. M.W. 323.14. B.R. 241-331°C. Uses—chemical intermediate.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

OCTYL LAURATE

*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

tert-OCTYL MERCAPTAN

$C_8H_{17}SH$. M.W. 146.54. B.R. 161-188°C. Uses—chemical intermediate.

● Pkg—Quart, gal. bottles.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

n-OCTYL METHACRYLATE

$CH_2{=}C(CH_3)\text{-}COOC_8H_{17}$. M.W. 198. B.R. 138-146°C/30 mm. Sp. gr. 0.878. Uses—preparation of polymers and copolymers.

● Pkg—400 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

OCTYL PHENOXY ETHANOL

$C_8H_{17}C_6H_4OC_2H_4OH$. M.W. 249. Insol. water. Uses—solvent, chemical intermediate.

● Pkg—450 lb drums.

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

OCTYL STEARATE

● Pkg—1, 7, 35 lb tins, 210, 400 lb drums.

*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y

ODORANTS

*Aromatic Products, 15 E 30 St, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Natural Gas Odorizing Co Inc, 7620 Wallisville Rd, Houston 10, Tex
*Newport Industries, 230 Park Ave, N Y 17
*Sindar Corp, 330 W 42 St, N Y 36
R T Vanderbilt Co, 230 Park Ave, N Y
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

ODORANTS, GAS

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Natural Gas Odorizing Co Inc, 7620 Wallisville Rd, Houston 10, Tex
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Sharples Chem, 123 S Broad St, Phila 9, Pa

OESIPOS see Lanolin

OIL, ACETONE

Sl. colored, oily liq., penetrating odor. Sp. gr. 0.812-0.865. B.P. 75°-125°C (according to composition). Uses—alcohol denaturant; solvent; purifying dyes; cellulose esters, and others solvent; celluloid solvent. Grades—light; heavy.

J M Baird Co, 254 W 31 St, N Y 1

ACRYLIC MONOMERS *from Rohm & Haas*

IN TANKCAR QUANTITIES	*AVAILABLE IN DRUMS*
METHYL ACRYLATE $CH_2{=}CHCOOCH_3$	BUTYL ACRYLATE
ETHYL ACRYLATE $CH_2{=}CHCOOC_2H_5$	2-ETHYL-HEXYL ACRYLATE
METHYL METHACRYLATE $CH_2{=}C(CH_3)COOCH_3$	OCTYL ACRYLATE
	ETHYL METHACRYLATE
	BUTYL METHACRYLATE
	HEXYL METHACRYLATE
	DECYL-OCTYL METHACRYLATE
	LAURYL METHACRYLATE

For a technical bulletin, as well as samples and prices, write Rohm & Haas Company, Dept. BG, Washington Square, Philadelphia 5, Pa.

ORONITE CHEMICAL COMPANY

THE NAME TO WATCH IN CHEMICALS

5 GAS ODORANTS

1. Calodorant 2. Calodorant "C" 3. Calodorant "C" Special 4. Alert 80 5. L-P Gas Odorant • Dry Detergents, Alkane, Slurry • Nonionic Surfactants • Polybutenes • Naphthenic Acids • Wetting Agents • Sodium Sulfonates • Phthalic Anhydride • Maleic Anhydride • Phenol, U.S.P.

ORONITE CHEMICAL COMPANY

38 Sansome Street, San Francisco 4, Calif. 30 Rockefeller Plaza, New York 20, N. Y.
Standard Oil Bldg., Los Angeles 15, Calif. 600 S. Michigan Avenue, Chicago 5, Ill.
Mercantile Securities Bldg., Dallas 1, Texas

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

OIL, ALMOND (Sweet Oil, Bland Oil)

a. Bitter. b. Sweet. From Amygdulus communis. Yellowish liq., aromatic odor. Sp. gr., a. 1.045-1.060. b. 0.915-0.920. M.P. a. and b. 13-14°C. B.P. a. 180° C. Sap. No. 189-200. Iodine No. 93-104. Acid No. 1.5. a. Sol. water, ether; insol. alcohol. b. Sol. alcohol, ether, chloroform, benzol. Uses—(Bitter)—mfr. soaps, perfume and pharmaceutical preps., toilet articles; flavoring agent in confectionery, food preps. and the like; in medicine. (Sweet or expressed)—mfr. soaps, perfume and pharmaceutical preps. cosmetics; lubricant for fine machines; in medicine. Grades—Bitter; U.S.P. free from Prussic acid; artificial (see Benzaldehyde). Sweet expressed; U.S.P.

European Chem Co, 366 Broadway, N Y 13
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL OF ALMONDS (Synthetic) see Benzaldehyde

OIL OF ANTS (Synthetic) see Furfural

OIL & FAT REFINING AGENTS

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Attapulgus Minerals & Chem Corp, 210 W Washington Square, Phila, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10

OIL, ANILINE see Aniline

OIL, ANISE

Colorless, thick liq. from anise seed. Uses—source of anethol, medicine, perfumery, flavoring.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Charles Gitlan & Co, 25 Beaver St, N Y 4
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Prentiss Drug & Chem Co, 110 William St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, ANTHRACENE see Anthracene

OIL, ANTHRACINE (Green) see Anthracene

OIL, APRICOT KERNEL (Oil of Persic)

Clear straw-colored oily liq. Sp. gr. 0.91/98. Uses—perfumery and cosmetics.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*S B Penick & Co, 50 Church St, N Y 7
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, ARACHIS see Oil, Peanut

OIL, BABASSU

Extracted from the kernels of the nut of the palm Orbiguya speciosa, a sub-division of the family Attalea. Found in Brazil. In refined state is pale yellow color. Used in place of coconut in the soap kettle. Edible grade in place of olive and coconut oils. Sp. gr. at 100°/15°C. 0.867. Saponification value 242-253. Iodine number 12-13. M.P. 27-29°C.; Titre 24°C.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Dalton-Cooper, 200 W 34 St, N Y 1
George Degen & Co, 111 Broadway, N Y 6
*E F Drew & Co, 416 Division St, Boonton, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
W R Grace & Co, 7 Hanover Sq, N Y 5
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, BANKS see Oil, Cod Liver

OIL, BEAN see Oil, Soya Bean

OIL, BENI see Oil, Sesame

OIL, BENNE see Oil, Sesame

OIL, BERGAMOT

A yellowish-green, volatile essential oil. Insol. water; sol. alcohol, ether. Contains linalyl acetate, limonene and linalol; used in perfumery, and as a histological clearing agent.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dura Commodities Corp, 20 Vesey St, N Y 7
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros 76 9 Ave, N Y 11
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Roure DuPont, 366 Madison Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, BLAND see Oil, Almond

OIL, BLUBBER see Oil, Whale

OIL, BODY see Oil, Whale

OIL, BOILED see Oil, Linseed

OIL, BONE (Dippel, Hartshorn Oil)

Brown liq., repulsive odor. From destructive distillation of bones. Sp. gr. 0.900-0.980. Sol. water. Uses—mfr. pyrrole, organic preps., pyridine; as denaturant; in medicine. Grades—tech.
● Pkg—5, 55 gal. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
H J Baker & Bro, 600 5 Ave, N Y 20
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

OIL, BRENROOT see Oil, Menhaden

OIL, CAMPHOR (Liquid Camphor)

Colorless, natural liq., characteristic odor. From woods and twigs of Cinnamomium camphora. Sp. gr. 0.870 to 1.040. Refractive Index 1.465—1.481 at 20°C. Constants vary considerably. Sol. ether, chloroform; insol. alcohol. Uses—mfr. safrol, pharmaceutical preps., soaps, shoe polishes, perfumery, lubricating oils and greases; as illuminant; substitute for turpentine in varnishes; type cleaner; in medicine. Grades—White, Japanese; Chinese; by-product (Sassafrassy).

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Dura Commodities Corp, 20 Vesey St, N Y 7
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Prentiss Drug & Chem Co, 110 William St, N Y 38
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

OIL, CARYOPHIL see Oil, Cloves

OIL, CASSIA (Chinese Oil of Cinnamon)

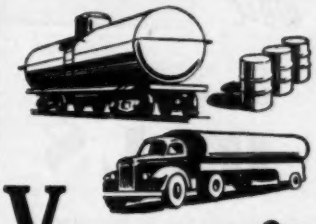
Yellowish or brownish liq., cinnamon-like odor. From bark of Cinnamomium cassia. Sp. gr. 1.045 to 1.063. B.P. 240 to 260°C. Sol. ether, chloroform; insol. alcohol. Uses—mfr. soaps, perfume and pharmaceutical preparations, cosmetics; tanning leather; in flavoring food preparations, confectionery, sweetmeats, spices; in medicine. Grades—U.S.P. redistilled; tech. (75—80%, 80—85¼% cinnamic aldehyde); lead-free (use in food products forbidden by Dept. Agriculture). Tech. permitted to be sold only on consumer affidavit for non-edible products.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Charles Gitlan & Co, 25 Beaver St, N Y 4
Internatio-Rotterdam, 61 Broadway, N Y 6
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, CASTOR (Ricinus Oil)

Yellow to yellowish-brown, thick, non-drying, odorless, natural liq. From seeds of Ricinus communis. Sp. gr. 0.960-0.970. Solidifies at —10°C. Sap. No. 178. Iodine No. 85. Acid No. 0.8. Sol. alcohol, ether, benzene, chloroform, carbon bisulfide. Uses—mfr. Turkey red oil, fly paper, fly oils for treating cattle, toilet articles, cosmetics, pomades, rubber substitutes, sulfonated oils, toilet, textile and transparent soaps, lubricating, leather dressing and finishing, and electrical insulating compositions; alizarin assist and dyeing cottons; preservative and softener for leather articles; tanning leather; in medicine. Grades—U.S.P.; No. 1; No. 3.
● Pkg—10 x 1 gal. cans/case, 5 gal. cans, 50, 55 gal. bbls., drums.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5



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See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
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OIL, CASTOR, continued

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Brazil Oiticica, 80 Broad St, N Y 4
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
Dalton-Cooper, 200 W 34 St, N Y 1
George Degen & Co, 111 Broadway, N Y 6
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
Fallek Products Co, 163 Broadway, N Y 6
W R Grace & Co, 7 Hanover Sq, N Y 5
M W Hardy & Co, 141 Broadway, N Y 6
Howe & French, 99 Broad St, Boston, Mass
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Lewis Chem Co, 232 Canal St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Spencer Kellogg & Sons, Buffalo 5, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, CASTOR, ACETYLATED

$[C_6H_{13}\text{-}CH(OOCOCH_3)\text{-}CH_2CH{=}(CH_2)_7COO]_3C_3H_5$. M.W. 1058. Bright, clear, straw-colored liquid. Uses—plasticizer; ingredient of hydraulic fluids.

*Baker Castor Oil Co, 120 Broadway, N Y 5

OIL, CASTOR, AMMONIATED

Viscous liq. to jelled solid. Uses—plasticizer; ingredient of coating compositions; hydraulic brake fluids; caulking and gasket compounds.

*Baker Castor Oil Co, 120 Broadway, N Y 5
Golwynne Chem Corp, 420 Lexington Ave, N Y 17

OIL, CASTOR BLOWN (Oxidized Castor Oil)

*Baker Castor Oil Co, 120 Broadway, N Y 5
Barclay Chem Co, 75 Varick St, N Y 13
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Spencer Kellogg & Sons, Buffalo 5, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

OIL, CASTOR, DEHYDRATED

A castor oil with part of the chemically-combined water removed. Uses—drying oil in paints, varnishes and other products.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Spencer Kellogg & Sons, Buffalo 5, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

OIL, CASTOR, HYDROGENATED (Glyceryl Tri [12-Hydroxystearate])

$[C_6H_{13}CHOH(CH_2)_{10}COO]_3C_3H_5$. M.W. 939. Hard, brittle, waxlike solid, yellowish cream to milk-white in color.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Swift & Co, Union Stock Yards, Chicago 9, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

OIL, CASTOR, OXIDIZED see Oil, Castor, Blown

OIL, CASTOR, PHOSPHATED-UNNEUTRALIZED

Straw-colored, clear, viscous oil. Uses—finishing leather, surface active compound, plasticizer.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

OIL, CASTOR PROCESSED

H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Kem Products Co, 227-229 High St, Newark 2, N J
See Our Catalog Ad
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Ritter Chem Co, Amsterdam, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
Joseph Turner & Co, Ridgefield, N J
G A Wharry & Co, 95 Broad St, N Y 4

OIL, CEDAR WOOD

Essential oil from the wood of a large tree of the West Indies and South America. An odorous liq.; sol. alcohol. Contains cedrene and cedrol. Uses—medicinally as a stimulant; industrially in perfumery; insect destroyers.

Bell Chem Co, 25 W 44 St, N Y 36
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dalton-Cooper, 200 W 34 St, N Y 2
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10
*Van Ameringen-Haebler, 521 W 57 St, N Y 19

OIL, CHINA see Balsam, Peruvian

OIL, CHINA WOOD (Tung Oil, Chinese-Wood Oil, Nut Oil)

Yellow, drying liq. From seeds of Aleurites cordata. Sp. gr. 0.9360 to 0.9432. Solidifying pt. 2-3°C. Sap. No. 193. Iodine No. 150-165, Acid No. 7-6-12. Uses—mfr. paints, varnishes, enamels, driers, spar varnishes, roof cements, putty, baking enamels, waterproof paints, soaps, linoleum, oil-cloth; in waterproofing concretes; in medicine. Grades—as to purity—adulterated with soya bean and cottonseed oils.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts. Phila 6, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

H J Baker & Bro, 600 5 Ave, N Y 20
George Degen & Co, 111 Broadway, N Y 6
Enco Chem Corp, 441 Lexington Ave, N Y 17
W R Grace & Co, 7 Hanover Sq, N Y 5
*D Hecht & Co, 510 Battery St, San Francisco, Cal
Internatio-Rotterdam, 61 Broadway, N Y 6
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Werner G Smith, 1730 Train Ave, Cleveland 13, Ohio
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Welch, Holme & Clark, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4

OIL, CHINESE BEAN see Oil, Soya Bean

OIL, CHINESE-WOOD see Oil, China Wood

OIL, CITRONELLA

Yellow or greenish-yellow oil with agreeable odor. Uses—perfumes, medicine, insectifuge; source of citronellal, geraniol.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Dalton-Cooper, 200 W 34 St, N Y 1
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
Enco Chem Corp, 441 Lexington Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Prentiss Drug & Chem Co, 110 William St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, CLOVES (Amboyna, Caryophil Oil)

Pale yellow, volatile liq., strong aromatic odor, becomes dark with age. From flowers of Eugenia aromatica. Sp. gr. 1.048-1.070. B.P. 250-260°C. Sol. ether, chloroform; insol. alcohol. Uses—mfr. perfume preparations, cosmetics, toilet articles, eugenol, toilet soaps; flavoring agent in food preparations, confectionery; silvering mirrors; in medicine. Grades—U.S.P.; tech.; twice rectified.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, COCOANUT (Coco-nut Butter, Cocoanut Palm Oil, Cocos Oil)

White, amorp. semi-solid, characteristic odor. Sp. gr. 0.9115. M.P. 20-28°C. Sap. No. 250-258. Iodine No. 8.9. Acid No. 5-50. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. edible fats, chocolates, candies, food preps., salad oils, margarine, emulsions, baked products, vegetarian foods, cosmetics, toilet preparations, candles, night lights, white, shaving and free-lathering soaps; as ointment base; dyeing cottons; in medicine. Grades—Manila; Ceylon; Cochin; edible; crude; refined.
●Pkg—5, 55 gal. drums.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*E F Drew & Co, 416 Division St, Boonton, N J
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
Hummel Chem Co, 90 West St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Spencer Kellogg & Sons, Buffalo 5, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, COCOANUT PALM see Oil, Cocoanut

OIL, COCOS see Oil, Cocoanut

OIL, COD

Uses—leather tanning and finishing. Grades—domestic; Newfoundland; Norwegian.
●Pkg—400, 500 lb. bbls.

H J Baker & Bro, 600 5 Ave, N Y 20
Hummel Chem Co, 90 West St, N Y 6
Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Maxim Chem Co, 44 Cliff St, N Y 38
Mutchler Chem Co, 258-259 Broadway, N Y
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38

OIL, COD LIVER (Banks Oil, Morrhua Oil, Oleum Morrhuae)

Yellowish-brown to reddish-brown liq., characteristic odor. From fresh livers of codfish, Gadus morrhua. Sp. gr. 0.922-0.930. Sap. No. 182-189. Iodine No. 141-159. Acid No. 5.6. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. pharmaceutical preparation; adulterant of linseed oil; tanning and curing leather and chamois leather; in medicine. Grades—Norwegian; Newfoundland; medicinal non-freezing U.S.P.; pale; light-brown; dark-brown; tech. (see Oil Cod).

H J Baker & Bro, 600 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Consumers Products Co, 99 Hudson St, N Y 13
European Chem Co, 366 Broadway, N Y 13
M W Hardy & Co, 141 Broadway, N Y 6
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Hummel Chem Co, 90 West St, N Y 6
*Maxim Chem Co, 44 Cliff St, N Y 38
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OIL, COLZA see Oil, Rapeseed

OIL, CORN (Maize Oil)

Pale yellow. Natural. From germ of common corn, Zea mays. Sp. gr. 0.920-0.925. M.P. —17-23°C. solid at —10°C. Sap. No. 188-193. Iodine No. 111-123. Acid No. 1-7-2.06. Sol. ether, chloroform, amyl acetate, benzene, carbon disulfide. Uses—mfr. food, leather finishing, dressing, lubricating, textile softening and electrical insulating compositions, salad oil, lard, baked products, oleomargarine, paints, varnishes, soap powd., soft and textile soaps, rubber substitutes and imitations, rain-proof cloth, oil-cloth linoleum; as lubricant; grinding paint pigments; substitute in hydrogenated form. Grades—crude; refined.
●Pkg—Pint, quart, ½, 1, 5 gal. cans, 55 gal. drums

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Clinton Foods, Clinton, Iowa
*Corn Products Sales Co, 17 Battery Pl, N Y 4
*E F Drew & Co, 416 Division St, Boonton, N J
Hummel Chem Co, 90 West St, N Y 6
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Joseph Turner & Co, Ridgefield, N J
E J Verde & Co, 335 Produce Exchange, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, COTTONSEED (Seed Oil, Cotton Seed, Oleum Gossypii Seminis)

Pale yellow, yellowish-brown, dark red or black-red liq. From seeds of Gossypium herbaceum. Sp. gr. 0.922-0.930. M.P. 34-40°C. Sap. No. 191-196. Iodine No. 105-114. Acid No. 0.0. Sol. ether, benzene, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. carron, cooking and salad oils, oleomargarine, lard and butter substitutes, laundry, toilet and textile soaps Turkey red oil, tanning, dressing, waterproofing and lubricating compositions, phonograph records, cattle feed, cosmetics, toilet and pharmaceutical preparations; adulterant of olive oil; as lubricant; in canning; in medicine Grades—crude; prime summer yellow; prime summer white; winter yellow; bleached; U.S.P.
●Pkg—50 lb. cartons, 50, 110 lb. tins, 400 lb drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
Howe & French, 99 Broad St, Boston, Mass
Hummel Chem Co, 90 West St, N Y 6
Mutchler Chem Co, 258-259 Broadway, N Y
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Swift & Co, Oil Mill Dept, Union Stock Yards, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, CREOSOTE

A high boiling oil obtained from coal-tar and distilling above about 270°C.
●Pkg—1, 5, 50, 55 gal. drums, 44 lb. carboys.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Heyden Chem Corp, 342 Madison Ave, N Y 17

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CREOSOTE OIL

THE STANDARD WOOD PRESERVATIVE

All specifications — any quantities. In drums and tank cars from all plants. Also in barges and tankers from Newark, Mobile, and Seattle.

REILLY Wood Preservative Oil —A highly toxic, non-volatile, yet highly penetrating creosote oil for brush, spray, pressure, or dip application.

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REILLY TAR & CHEMICAL CORP.
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U·S·S Creosote Oil

and Creosote-Coal Tar Solutions
Produced to comply with A.W.P.A. and A.R.E.A. specifications
Tank-car quantities

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UNITED STATES STEEL

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• TALLOW OIL
• FATTY ACIDS
• STEARIC ACID
• OLEIC ACID
• GLYCERINE

MARCUS · RUTH · JEROME
COMPANY
WESTERN OFFICE: 327 So. LaSalle St. Chicago 4, Illinois • HA 7-1760
EASTERN OFFICE: 311 Produce Exchange Bldg. New York, N.Y. • Whitehall 4-5198
REFINERY: Neville Island, Pa. • Fe 1-0367

OIL, CREOSOTE, continued

•Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
•Neville Co, Neville Island, Pittsburgh 25, Pa
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
•Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
•Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
•United States Steel Corp, 525 William Penn Place, Pittsburgh 30, Pa
Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, EARTH-NUT see Oil, Peanut

OIL, FLAXSEED see Oil, Linseed

OIL, FLORENCE see Oil, Olive

OIL, FUSEL (Alcohol, Amyl, Grain Oil, Potato Oil, Potato Spirit)

$CH_3.CH_2CH(CH)_2OH$. Colorless liq. disagreeable odor. Sp. gr. 0.814. B.P. 130°C. Sol. water, alcohol, gasoline, ether. Uses—mfr. amyl acetate and other amyl chemicals, various esters such as salicylic, valerianic, etc., aromatic perfume esters, synth. rubber, special varnishes, resins, waxes, lacquers, artificial fruit syrups, intermediates, organic chemicals, nitrocellulose plastics; as general solvent; solvent for fats and oils; laboratory reagent; gelatinizing agent in smokeless powd.; in photometry. Grades—crude; commercial; various degrees of refined rated as to boiling point. See also Alcohol, Amyl.
● Pkg—1 gal. bottles, 1, 5, 30, 54 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
W W Angus, 220 Broadway, N Y 38
Bergstrom Trading Co, 233 Broadway, N Y 7
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
William S Gray & Co, 342 Madison Ave, N Y 17
Internatio-Rotterdam, 61 Broadway, N Y 6
•Publicker Industries, 1429 Walnut St, Phila, Pa
Frank Samuel & Co, 24 State St, N Y 4
•Schenley Distillers, 350 5 Ave, N Y 1
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

OIL, GAULTHERIA, SYNTHETIC see Methyl Salicylate

OIL, GERANIUM

•Alfred D Brown Associates, 59 Pearl St, N Y 4
Fritzsche Bros, 76 9 Ave, N Y 11
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
•S B Penick & Co, 50 Church St, N Y 7
•Polaks Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
•P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, GIGELY see Oil, Sesame

OIL, GINGELLY see Oil, Sesame

OIL, GINGILI see Oil, Sesame

OIL, GINGILY see Oil, Sesame

OIL, GRAIN see Oil, Fusel

OIL, GREEN see Chromium Oxide

OIL, HARTSHORN see Oil, Bone

OIL, HERRING

Pale yellow to dark red, natural liq. From herring. Sp. gr. 0.9202-0.932. M.P. 30-31.5°C. Sap. No. 179-194. Iodine No. 130-142. Acid No. 1.8-4.4. Sol. ether, chloroform, benzene, carbon disulfide. Uses as lubricant; currying and finishing leather. Grades—mfr. soaps, printing inks, lubricating compositions; —domestic; Japanese.

•Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
•Meari Corp, 153 Waverly Pl, N Y 14
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OIL, JAPAN FISH see Oil, Sardine

OIL, KATCHUNG see Oil, Peanut

OIL, LACCU see Oil, Olive

OIL, LANOLIN

•N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
•Robinson, Wagner Co, 110 E 42 St, N Y 17

OIL, LARD

Colorless or yellow, natural solid or semi solid, peculiar odor. From lard by cold pressing. Sp. gr. 0.915. Solidifies at 0°C. Sap. No. 195-196. Iodine No. 56-74. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. soaps, candles, lubricating and metal cutting compositions, lighthouse and signal lamps, baked products, confectionery, margarine and food preparations; as lubricant. Grades—prime winter edible; prime winter inedible; off prime; extra No. 1; No. 1; No. 2.
● Pkg—Drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
•Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
•George Pfau's Sons Co, 9 & Wall St, Jeffersonville, Ind
•Reilly-Whiteman-Walton Co, Conshohocken, Pa
•Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, LAVENDER

•Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
•C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
•Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio
•S B Penick & Co, 50 Church St, N Y 7
•Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
•P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, LEMON

A pale yellow essential oil of fragrant odor, expressed from fresh lemon peels. Insol. water; sol. alcohol or ether. Used extensively in flavoring extracts, lemonades, etc.

•Alfred D Brown Associates, 59 Pearl St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
Dura Commodities Corp, 20 Vesey St, N Y 7
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
•C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
•S B Penick & Co, 50 Church St, N Y 7
•Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
P Robertet, 125 E 23 St, N Y 10
Roure DuPont, 366 Madison Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10
G A Wharry & Co, 95 Broad St, N Y 4

OIL, LINSEED (Boiled Oil, Flaxseed Oil, Linnen Seed, Oleum Lini)

Golden yellow, amber or brown, natural liq., peculiar odor. From seeds of flax plant, Linum usitatissimum. Sp. gr. 0.9316-0.9354. Sap. No. 189-195. Iodine No. 170-188. Acid No. 0.8-8.4. Sol. chloroform, amyl acetate, carbon bisulfide, benzene, turpentine; insol. alcohol. Uses—mfr. paints, varnishes, enamels, lacquers, stains, roof cements, putties, primers, linoleum, oil-cloth, soft soaps, printing and lithographic inks, linoleate driers, patent and enamelled leathers, wood preservatives, furniture polishes, carron oil preparations, boiled oil, core oils, plastic compositions, artificial rubber; tempering steels; in photography; coating silk threads; in medicine. Grades—raw; boiled; double boiled; blown; varnish makers; refined; U.S.P.
● Pkg—Cans, drums.

J M Baird Co, 254 W 31 St, N Y 1
•Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
•Baker Castor Oil Co, 120 Broadway, N Y 5
Bendix Chem Corp, 420 Lexington Ave, N Y 17
•California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
C B Coburn Co, 63 Market St, Lowell, Mass
George Degen & Co, 111 Broadway, N Y 6
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
•Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
William S Gray & Co, 342 Madison Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Mutchler Chem Co, 258-259 Broadway, N Y
•National Lead Co, 111 Broadway, N Y 6
•Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
•Sherwin-Williams Co, 100 Park Ave, N Y 17
•Spencer Kellogg & Sons, Buffalo 5, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4

OIL, LIQUID PATCH see Creosote, Coal-Tar

OIL, MACE

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
•George Lueders & Co, 427 Washington St, N Y 13
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
•S B Penick & Co, 50 Church St, N Y 7
•P Robertet, 125 E 23 St, N Y 10

OIL, MAIZE see Oil, Corn

OIL, MANDARIN

The essential oil from Mandarine. B.P. 175-179°C. Contains limonene, citral and methyl anthranilate.

•Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
•Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
•S B Penick & Co, 50 Church St, N Y 7
•Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
•P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, MENHADEN (Oil Mossbunker, Oil Pogy, Oil Brenroot)

Yellowish-brown or reddish-brown, characteristic odor. From menhaden fish. Sp. gr. 0.927-0.933. M.P. 38.5-47.2°C. Solidifies at —4°. Sap. No. 190.6. Iodine No. 139-180. Acid No. 3-11.6. Sol. ether, benzene naphtha, carbon disulfide. Uses—mfr. sod oil, paints, varnishes, enamels, lacquers, rope linoleum, oil-cloth, fats by hydrogenation, tallow substitutes, soaps, printing and lithographic inks, rubber substitutes, finishing and dressing compositions for leather; adulterant of cod liver oil; curing leather; in place of linseed oil in patent leather; chamois tanning; tempering steels; as waterproofing agent. Grades—Northern; Southern; crude; dark pressed; light strained; yellow bleached; refined alkali; kettle-bodied; light-pressed; blown.

•Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20

•Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Industrial Oil Products Corp, 5641 District Blvd, Los Angeles 22, Cal
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Vitamins Inc, 809 W 58 St, Chicago 21, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4

OIL, MINERAL (Liquid Paraffin, White Mineral Oil, White Oil, Paraffin Oil)

Mixture of liq. hydrocarbon obtained from petroleum. Colorless, oily, nonfluorescent, transparent liq. becoming thicker with cold; odor of petroleum when warm. Sp. gr. 0.828-0.905 (25°C.). B.P. not below 360°C. Sol benzene, chloroform, ether, carbon disulfide, oils; insol. in water, alcohol. M.P. 45°-48°C. Uses—in medicine; in sprays, insecticides; in paints, varnishes, lacquers; as a solvent. Grades—U.S.P.; tech.; Russian.
●Pkg—5 gal. pails, 14, 30, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
Bergstrom Trading Co, 233 Broadway, N Y 7
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
M W Parsons-Plymouth, 59 Beekman St, N Y 38
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL MIRBANE see Nitrobenzene

OIL, MORRHUA see Oil, Cod Liver

OIL, MOSSBUNKER see Oil, Menhaden

OIL, MUSTARD SEED

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
George Degen & Co, 111 Broadway, N Y 6
*Edwal Labs, Ringwood, Ill
Fritzsche Bros, 76 9 Ave, N Y 11
W R Grace & Co, 7 Hanover Sq, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Old Dutch Mustard Co, 80 Metropolitan Ave, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, NEATSFOOT (Hoofoil, Oleum Bubulum)

Pale yellow fixed liq. From feet of bovine cattle. Sp. gr. 0.916. M.P. 28.5-30.8°C. Sap. No. 194-99. Sol. ether, chloroform, kerosene; insol. alcohol. Uses—mfr. lubricating compositions; dressing, finishing, tanning, oiling, waterproofing, and softening leather; cutting oil; oiling wood; general waterproofing agent; as lubricant. Grades—pure; cold pressed; No. 1; extra No. 1; also graded to cold test.
●Pkg—50 gal. drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
H J Baker & Bro, 600 5 Ave, N Y 20
George Degen & Co, 111 Broadway, N Y 6
W R Grace & Co, 7 Hanover Sq, N Y 5
Henley & Co, 801 2 Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
Mutchler Chem Co, 258-259 Broadway, N Y
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*George Pfau's Sons Co, 9 & Wall Sts, Jeffersonville, Ind
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Swift & Co Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL OF NIOBE see Methyl Benzoate

OIL, NUT see Oil, China Wood

OIL, NUTMEG

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10

OIL, OITICICA

Oil derived from the fruit of Licania rigida of Brazil. Crude or raw oil is a white or cream-colored semi-liq. The semipolymerized oil is an amber-colored viscous liq. Uses—as a drying oil in paints, varnishes, etc.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Bergstrom Trading Co, 233 Broadway, N Y 7
*Brazil Oiticica, 80 Broad St, N Y 4
George Degen & Co, 111 Broadway, N Y 6
Dura Commodities Corp, 20 Vesey St, N Y 7
W R Grace & Co, 7 Hanover Sq, N Y 5
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
G A Wharry Co, 95 Broad St, N Y 4

OIL, OLIVE (Florence Oil, Lucca Oil, Oleum Olivae) —see also Olive Foots

Pale yellow or greenish, natural liq. From fruit of Olea europea. Sp. gr. 0.910-0.9181. F.P. —6°C. Sap. No. 185-196. Iodine No. 77-88. Acid No. 1.9-5.0. Sol. ether, chloroform, carbon disulfide. Uses—mfr. foods, salad oil, food and pharmaceutical preps., sweetmeats, oleomargarine, vegetable foods, etc., cosmetics creams, pomades, Castile and textile soaps, Turkey red oils, lubricating compositions, cutting oils; canning fish; boiling off silk; oiling wool; dyeing and printing textiles; as lubricant; finishing, dressing and tanning leather; in medicine. Grades—U.S.P.; edible as to source (French, Italian, Spanish, etc.); denatured.
●Pkg—10 lb. bottles, 50 lb. drums, 55 gal. drums.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Barclay Chem Co, 75 Varick St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
Legion Chem, 70 Wall St, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
White Cross Labs, 79 Wall St, N Y

OIL, ORANGE

An essential oil expressed from the peel or rind of oranges. A pale yellow liq. Insol. water; sol. alcohol, ether. It is used in flavoring extracts for the household and soda-water fountains, in perfumes, and in pharmaceutical preparations.
●Pkg—6 x 10 lb. tins/case, 350 lb. drums.

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Cole Labs, 42-25 9 St, L I C 1, N Y
Dalton-Cooper, 200 W 34 St, N Y 1
Dura Commodities Corp, 20 Vesey St, N Y 7
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Hutchman Co, P O Box 386, Lakeland, Fla
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*V & E Kohnstamm, 329 Canal St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
P Robertet, 125 E 23 St, N Y 10
Roure DuPont, 366 Madison Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10
G A Wharry & Co, 95 Broad St, N Y 4

OIL, PALM (Palm Butter, Palm Grease, Oleum Palmae)

Reddish-yellow, fatty mass, faint violet odor. Natural. From fruit of Elaisis guineensis. Sp. gr. 0.9025-0.9470. M.P. 27°-42.5°C. Sap. No. 196-205. Iodine No. 51.5-57. Acid No. 24-200. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. butter coloring, oleomargarine, butter substitutes, stearine, lubricating compositions, cutting oils, soaps, candles, cosmetics, toilet articles, perfume preparations, railway axle greases, rubber substitutes; as lubricant; softening and finishing cottons; coating iron plates in tinplate making; bleaching operations. Grades—Lagos; Niger; Benin; Calabar.

H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13

Quality Fine Chemicals

Allyl Isothiocyanate

Artificial oil of mustard, NF and Commercial. Flavoring ingredient in foods; counter-irritant in analgesic ointments and mustard plasters; marked bacteriostatic activity suggests use as preservative and mold inhibitor. Allyl amine, diallyl amine, allyl mercaptan, diallyl sulfide are also available as flavors, intermediates, resin additives and polymerization catalysts.

The Ringwood Chemical Corporation manufactures organic chemicals of high purity and formulates chemical specialties.

Take advantage of Ringwood facilities for the confidential manufacture of intermediates and specialties for the chemical processing industries.

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Spot - - Futures

Also

CASTOR OIL

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technical bulletins and
technical assistance upon request.

BRAZIL OITICICA, INC.
80 Broad Street, New York 4, N. Y.
Telephone: HAnover 2-9315
Cable Address: CICOIL

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

ROSIN OIL

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R. K. O. Building, Radio City, New York 20, N. Y.
BRANCHES IN PRINCIPAL CITIES

Pioneer Manufacturer and Refiner of Rosin Oils and Pine Pitch

OIL, PALM, continued

Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, PALM KERNEL (Palm Nut Oil)

Yellowish natural liq. From nuts of Elaeis guineensis. Sp. gr. 0.952. M.P. 26-30°C. Sap. No. 247.6. Iodine No. 13.4-13.6. Acid No. 8.4. Sol. ether, carbon disulfide, chloroform; insol. alcohol. Uses—mfr. butter substitutes, oleomargarine, food compositions, confectionery, sweetmeats, vegetable foods, chocolate confections, soaps, pharmaceutical preparations, cutting tool lubricants, cosmetics; cotton goods softener; coating iron plates in the tinplate industry; in medicine. Grades—domestic; imported; crude; refined.

H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
Elbert & Co, 2 Broadway, N Y 4
M W Hardy & Co, 141 Broadway, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, PALM NUT see Oil, Palm Kernel

OIL, PARAFFIN see Oil, Mineral

OIL, PATCHOULY

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Charles Gitlan & Co, 25 Beaver St, N Y 4
Hummel Chem Co, 90 West St, N Y 6
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, PEANUT (Arachis Oil, Earth-Nut Oil, Ground-Nut Oil, Katchung Oil)

Pale yellow, natural liq., nutty odor. From peanuts, Arachis hypogaea. Sp. gr. 0.916-0.922. Solidifies —5°C. Sap. No. 189-196. Iodine No. 83-101. Sol. ether, benzene, chloroform, carbon disulfide, carbon tetrachloride; insol. alcohol. Uses—mfr. edible oil, salad oil, oleomargarine, chocolates, vegetable foods, food and pharmaceutical preparations, lubricating compositions, fine soaps, varnishes; canning fish; as lubricant; adulterant of olive oil; oiling wool and degumming or boiling-off silks; softening artificial leather; tanning leather; in medicine. Grades—domestic; oriental crude; refined; edible.
●Pkg—5 gal. tins, 50 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Bergstrom Trading Co, 233 Broadway, N Y 7
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Hummel Chem Co, 90 West St, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Swift & Co, Oil Mill Dept, Union Stock Yards, Chicago 9, Ill
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, PEAR see Amyl Acetate

OIL, PEPPERMINT

An essential oil obtained by distilling peppermint. A colorless liq. of strong, agreeable odor. Insol. water; sol. alcohol, ether. Contains 50-90% menthol. Uses—for flavoring, medicinally as a stimulant and antispasmodic and in perfumery.
●Pkg—Custom packed.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Trading Co, 233 Broadway, N Y 7
*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
P Robertet, 125 E 23 St, N Y 10
Rosenthal Bercow Co, 25 E 26 St, N Y

OIL, PERILLA

Light yellow, natural liq. From seeds of Perilla ocimoides. Sp. gr. 0.932-0.945. Sap. 191-193. Iodine No. 187-202. Sol. ether, chloroform, benzene, carbon disulfide; insol. alcohol. Uses—mfr. varnishes, paints, lacquers, enamels, artificial leather, printing and litho. graphic inks, paper products; substitute for linseed oil; edible purposes in East. Grades—as to purity.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
G A Wharry & Co, 95 Broad St, N Y 4

OIL OF PERSIC see Oil, Apricot Kernel

OIL, PETITGRAIN

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Tombarel Products Corp, 12 E 22 St, N Y 10

OIL, PINE

Water-white to bright yellow liq., characteristic pine odor. Natural. From dead Southern pine wood. Sp. gr. 0.925-0.942. B.P. 185-225°C. Ester. No. 3-10. Sol. ether, acetone, chloroform, benzene, solvent naphtha, turpentine, etc.; insol. alcohol. Uses—mfr. paints, varnishes, lacquers, enamels, shingle stains, perfume preparations, insecticidal and germicidal compositions, soaps, disinfectants, deodorants, fungicides, scouring and dyeing preparations, detergents, paper coating compositions, polishes; in ore flotation; textile kiering, degumming; de-oiling.
●Pkg—Bottles, 5, 55 gal. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Crosby Chem, P O Box 32, De Ridder, La
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Mutchler Chem Co, 258-259 Broadway, N Y
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Southern Naval Stores Div, Columbia, Miss
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, PINE-TAR see Oil, Tar

OIL, POGY see Oil, Menhaden

OIL, POPPY see Oil, Poppyseed

OIL, POTATO see Oil, Fusel

OIL PULP see Aluminum Acetate, Basic

OIL, RAPE see Oil, Rapeseed

OIL, RAPESEED (Colza Oil, Rape Oil)

Natural dark-brown to pale yellow liq., unpleasant odor. From rapeseed Brassica campestris. Sp. gr. 0.9132-0.9168. Solidifies —2 to —10°C. Iodine No. 95.3-104.3. Sap. No. 170-177. Acid No. 1.4-13.2. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. food preparations, oleomargarine, lubricating compositions, cutting oils, rubber substitutes, soaps, blown oils; as condiment; lubricant; quenching oil in tempering steel; oiling wool. Grades—crude; refined; blown.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Barclay Chem Co, 75 Varick St, N Y 13
George Degen & Co, 111 Broadway, N Y 6
W R Grace & Co, 7 Hanover Sq, N Y 5
Hummel Chem Co, 90 West St, N Y 6
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry & Co, 95 Broad St, N Y 4

OIL, RECTIFIED TAR see Oil, Tar

OIL, RED see Acid, Oleic

OIL, RICINUS see Oil, Castor

OIL, ROSEWOOD

Dalton-Cooper, 200 W 34 St, N Y 1
Dura Commodities Corp, 20 Vesey St, N Y 7
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
Roure-DuPont, 366 Madison Ave, N Y 17

OIL, ROSIN (Codoil, Retinol, Rosinol)

Water-white to brown, thick, viscous odorless liq. Sp. gr. 0.980-1.110. Iodine No. 112-115. B.P. 280°C. Sol. ether, chloroform, oil of turpentine, fatty oils, carbon disulfide; insol. alcohol. Uses—mfr. lubricating compositions, printing inks; as adulterant for boiled linseed oil; as lubricant. Grades—first, second, and third run.

J M Baird Co, 254 W 31 St, N Y 1
*Crosby Chem, P O Box 32, De Ridder, La
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
Hummel Chem Co, 90 West St, N Y 6
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
Peerless Oil & Chem Corp, 51 Ave, & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
G A Wharry & Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, RUE

Natural, pale yellow to greenish volatile liq., characteristic odor. From Rutagraveolens. Sp. gr. 0.833-0.840. Solidifies —8 to —10°C. B.P. 215-232°C. Sol. ether; insol. alcohol. Uses—mfr. organic chemicals, methyl heptylketone, methylalyl ketone. Grades—tech.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*P Robertet, 125 E 23 St, N Y 10

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

OIL, SAFFLOWER

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
George Degen & Co, 111 Broadway, N Y 6
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry & Co, 95 Broad St, N Y 4

OIL, SANDALWOOD

*Alfred D Brown Associates, 59 Pearl St, N Y 4
*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Internatio-Rotterdam, 61 Broadway, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
P Robertet, 125 E 23 St, N Y 10

OIL, SARDINE (Oil, Japan Fish)

Amber to greenish-brown liq. Sp. gr. 0.928-0.993. M.P. 28-36°C. Acid No. 4-25. Hehner No. 95-97. Sap. No. 189-193. Iodine No. 181-193. Sol. ether, chloroform, benzine, carbon disulfide; insol. alcohol. Uses—mfr. soaps, degras; tanning leather; as lubricant. Grades—crude; refined.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Industrial Oil Products Corp, 5641 District Blvd, Los Angeles 22, Cal
*Mearl Corp, 153 Waverly Pl, N Y 14
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Vitamins Inc, 809 W 58 St, Chicago 21, Ill
G A Wharry Co, 95 Broad St, N Y 4

OIL, SEAL

Oil obtained from blubber of Phoca Groenlandia and other species of seals. First class oil is water-white. Other grades range in color from yellow to dark brown. Sp. gr. 0.924-0.927. Uses—adulterants for linseed and cod liver oils, soap, tanning, inks and steel tempering.

H J Baker & Bro, 600 5 Ave, N Y 20
Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OIL, SEED see Oil, Cottonseed

OIL, SESAME (Beni Oil, Benne Oil, Gigely Oil, Gingili Oil, Gingelly Oil, Gingily Oil, Teal Oil, Teel Oil, Til Oil)

Natural yellow liq. From Sesame indicum. Sp. gr. 0.9210-0.9244 (15°C). M.P. 26-32°C. Congeals at —5°C. Iodine No. 188-193. Sol. ether, carbon disulfide, benzine, chloroform. Uses—mfr. food and lubricating compositions, sweetmeats, confectionery, oleomargarine, vegetable butters, soaps, toilet preps., cosmetics; as substitute for olive and almond oil; lubricant; in medicine. Grades—imported; domestic; tech.: edible; semi-refined.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
George Degen & Co, 111 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*John Powell & Co, 1 Park Ave, N Y 16
Joseph Turner & Co, Ridgefield, N J
Vitamins Inc, 809 W 58 St, Chicago 21, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, SHARK see Oil, Shark Liver

OIL, SHARK LIVER (Shark Oil)

Reddish-yellow to light brown liq. Sp. gr. 0.9103-0.9260. Iodine No. 155. Sap. No. 140-173. Sol ether, chloroform, benzene, carbon disulfide. Uses—mfr. leather dressings, paints, varnishes, soft soaps, textiles, oil-cloth, waterproofing, rubber substitutes; cod-liver oil adulterant. Grades—yellow strained; red yellow; yellow-red; Japanese; crude; refined.
● Pkg—Custom packed.

Fallek Products Co, 163 Broadway, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
*Maxim Chem Co, 44 Cliff St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OIL, SHINGLE

Light brown coal tar derivative. Uses—as preservative • stain on wood, for ex. shingles.
● Pkg—55 gal. drums.

*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

OIL, SOD see Degras

OIL, SOJA BEAN see Oil, Soya Bean

OIL, SOLUBLE see Oil, Turkey Red

OIL, SOY see Oil, Soya Bean

OIL, SOYA BEAN (Chinese Bean Oil, Bean Oil, Soja Bean Oil, Soy Oil)

Natural pale yellow liq. From soya beans—Soja hispida, etc. Sp. gr. 0.922-0.928 (15°C). Solidifying point —15 to —8°C. Hehner No. 94-96. Sap. No. 190-193 Iodine No. 137-143. Sol. ether, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. varnishes, paints enamels, lacquers, soaps, candles, japans, printing and lithographic inks, cattle feeds, food compositions; adulterant and substitute for linseed oil; butter substitute; as illuminant; as food largely in China and Japan. Grades—crude; refined; edible.
● Pkg—5 gal. cans, 55 gal. bbls., drums.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Central Soya Co, 300 Fort Wayne Bank Bldg, Fort Wayne 2, Ind
*Clinton Foods, Clinton, Iowa
*E F Drew & Co, 416 Division St, Boonton, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Glidden Co, Soya Products Div, 1825 N Laramie Ave Chicago 39, Ill
W R Grace & Co, 7 Hanover Sq, N Y 5
Hummel Chem Co, 90 West St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg San Francisco, Cal
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
*Swift & Co, Oil Mill Dept, Union Stock Yards, Chicago 9 Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4
*Woburn Chem Corp, 1190 Harrison Ave, Kearney, N J

OIL, SPERM

Yellowish-brown, natural liq. From sperm whale. Sp. gr. 0.8781-0.8835. Sap. No. 123-147. Iodine No. 79.5-84. Acid No. 13.2. Sol. ether, chloroform, benzine, insol. alcohol. Uses—mfr. leather dressing and finishing compositions, soaps, matches; lubricating compositions; as lubricant; illuminant and burning oil; quenching oil in tempering steel. Grades—crude; natural; bleached winter as to cold test.
● Pkg—55 gal. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
Henley & Co, 801 2 Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Rosenthal Bercow Co, 25 E 26 St, N Y
*Werner G Smith, 1730 Train Ave, Cleveland 13, Ohio
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14

OIL, STILLINGIA see Oil, Tallow

OIL, SULFONATED see Oil, Turkey Red

OIL, SULFONATED CASTOR

● Pkg—55 gal. bbls., drums, 500 lb. bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Modison St, Chicago, Ill
*Bryant Chem Corp, 6 North St, N Quincy, Mass
John A Chew, 60 E 42 St, N Y 17
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St. Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J

ADM SPERM OIL

AVAILABLE IN ANY AMOUNT

Natural Winter
Bleached Winter
Bodied
Hydrogenated

Spermaceti Wax
Fatty Acids
Fatty Alcohols

Hydrofol PRODUCTS

ARCHER • DANIELS • MIDLAND Company

CHEMICAL PRODUCTS DIVISION

2191 West 110th Street
Cleveland 2, Ohio

Hummel Chem Co, 90 West St, N Y 6
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Marlow-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Swift Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OIL, SULFONATED COCONUT

Color—varies from pale yellow to brown. Mobile liquids to semi-solids. Sol. (emulsifiable) in water. Uses—plasticizing, defoaming, dispersing, emulsifying, penetrating and softening agents.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
Hummel Chem Co, 90 West St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

TALL OIL

Crude, Semi-Refined and Refined

●

CAMP MFG. CO., INC.

PRIMARY PRODUCERS OF TALL OIL, REFINED SULPHATE TURPENTINE, AND MANUFACTURERS OF KRAFT PULP AND PAPER.

FRANKLIN, VIRGINIA

60 EAST 42nd ST., NEW YORK 17, N. Y.

OIL, SULFONATED COD

Color—varies from pale yellow to dark brown. Mobile liquids to semi-solids. Sol. (emulsifiable) in water. Uses—plasticizing, defoaming, dispersing, emulsifying, penetrating, and softening agents.
● Pkg—400, 500 lb. bbls.

Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Hummel Chem Co, 90 West St, N Y 6
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Leatex Chem Co, 2734 N Hancock St Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OIL, SULFONATED NEATSFOOT

● Pkg—55 gal. drums, bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Hummel Chem Co, 90 West St, N Y 6
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OIL, SULFONATED OLIVE

Color—varies from pale yellow to dark brown. Mobile liquids to semi-solids. Sol. (emulsifiable) in water. Uses—plasticizing, defoaming, dispersing, emulsifying, penetrating, and softening agents.
● Pkg—55 gal. drums.

*Fiber Chem Corp, P O Box 218, Matawan, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

OIL, SULFONATED SPERM

Color—varies from pale yellow to dark brown. Mobile liquids to semi-solids. Sol. (emulsifiable) in water. Uses—plasticizing, defoaming, dispersing, emulsifying, penetrating, and softening agents.
● Pkg—55 gal. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
Hummel Chem Co, 90 West St, N Y 6
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OIL, SULFONATED TEASEED

Used as a substitute for sulfonated olive oil. See Oils, Sulfonated for descriptive material.
● Pkg—50 gal. drums.

*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Jacques Wolf & Co, Passaic, N J

OIL, SUNFLOWER

Pale yellow liq. pleasant odor. Sp. gr. 0.924-0.926. Iodine No. 125. Refractive Index 1.4611. Sol. ether, carbon disulfide, chloroform; insol. alcohol. Uses—mfr. soaps, varnishes; as illuminant; edible in Russia. Grades—crude; refined.

H J Baker & Bro, 600 5 Ave, N Y 20
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

OIL, SWEET see Oil, Almond

OIL, TALL

A vegetable oil, by-product of the mfr. of pulp, often called liq. rosin, used in formulating soaps and soap pastes, as an emulsifier, or wherever a high fatty acid is required, also in insecticide sprays, core oils, waterproofing, asphalt emulsification, coal dust sprays, etc. Supplied in crude and distilled grades.
● Pkg—400, 435, 500 lb. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Arizona Chem Co, 30 Rockefeller Plaza, N Y 20
*J M Baird Co, 254 W 31 St, N Y 1
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Camp Mfg Co, Franklin, Va
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
George Degen & Co, 111 Broadway, N Y 6
Dura Commodities Corp, 20 Vesey St, N Y 7
Faesy & Besthoff, 325 Spring St, N Y 13
*Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave N Y 36
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Union Bag & Paper Corp, 233 Broadway, N Y 7
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, TALLOW (Oil, Tallow Seed, Oil, Stillingia)

Natural, pale yellow liq., linseed-like odor. From seeds of Stillingia sebifera. Sp. gr. 0.9432-0.9458. Saponification No. 210. Iodine No. 160. Insol. alcohol. Uses—mfr. lubricating compositions, candles, soaps, cutting oils; as lubricant; dressing and finishing agent; dyeing and printing calics; detergent. Grades—regular; acidless.
● Pkg—Drums.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*Consolidated Chem Industries, 640 Meille Esperson Bldg, Houston 2, Tex
*Fiber Chem Corp, P O Box 218, Matawan, N J
W R Grace & Co, 7 Hanover Sq, N Y 5
Hummel Chem Co, 90 West St, N Y 6
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*George Pfau's Sons Co, 9 & Wall Sts, Jeffersonville, Ind
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, TALLOW, ACIDLESS

Pure animal product, with titre of 40-41; acid not over 1%. Chief use—in lubricating compounds.
● Pkg—Drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
Hummel Chem Co, 90 West St, N Y 6
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*George Pfau's Sons Co, 9 & Wall Sts, Jeffersonville, Ind
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, TALLOW SEED see Oil, Tallow

OIL, TAR (Pine-Tar Oil, Rectified Tar Oil)

Colorless to dark reddish-brown liq., tarry odor. From wood tar derived from Pinus palustris. Sp. gr. 0.862-0.872. Sol. ether, chloroform, carbon disulfide. Uses—mfr. insecticidal and germicidal compositions, pharmaceutical preps.; mineral flotation oil; general disinfectant; in medicine. Grades—tech.
● Pkg—460 lb. drums.

*Barrett Div, 40 Rector St, N Y 6
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Neville Co, Neville Island, Pittsburgh 25, Pa
*S B Penick & Co, 50 Church St, N Y 7
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, TAR ACID

Black liq. Sp. gr. 0.950-1.090. Sol. xylene. Uses—source of tar acids (phenol, the cresols, xylenols, cresylic acid; also of tar bases) pyridine, the picolines, lutidines, parvolines, quinoline, etc.; also in mfr. of disinfectants, sheep and animal dips. Grades—25 and 50% tar acids.
● Pkg—5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Chematar Inc, 40 Exchange Pl, N Y 5
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL, TEAL see Oil, Sesame

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers; See Catalog Section

OIL, TEASEED

Oil derived from special species of tea plants. Commercial oil is chiefly from the seed of Thea sasangua, cultivated in Assam, China, Japan and elsewhere. Kernels contain up to 60% oil and are about 70% of the seed. Sp. gr. at 15°C. 0.915-0.919. Iodine number 50 to 87. Titre 13°C to 145°C. Sap. value 190 to 195. Uses—refined for edible purposes; crude as a lubricant, etc.

●Pkg—50 gal. drums.

H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
George Degen & Co, 111 Broadway, N Y 6
Paul A Dunkel & Co, 1 Wall St, N Y 5
W R Grace & Co, 7 Hanover Sq, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

OIL, TEEL see Oil, Sesame

OIL, TIL see Oil, Sesame

OIL, TRAIN see Oil, Whale

OIL TREATING COMPOUNDS

*Atlas Powder Co, Wilmington 99, Del
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Wasco Engrg Corp, 601 W 26 St, N Y 1

OIL, TUNG see Oil, China Wood

OIL, TURKEY RED (Alizarine Assistant, Oil, Soluble, Oil, Sulfonated)

Sulfonated castor oil and like. Sp. gr. 0.95. Iodine No. 82.1. Acid No. 174.3. Saponification No. 189.3. Sol. water. Uses—mfr. soaps; assistant in dyeing and printing textiles; treating and finishing leather. Grades—sulfonated castor oil graded as to color and moisture content.

●Pkg—55 gal. bbls., drums, 500 lb. bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Bryant Chem Corp, 6 North St, N Quincy, Mass
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Pa
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OIL, TURPENTINE

"Spirit of Turpentine" volatile oil distilled from the oleoresin obtained from Pinus palustris. Colorless liq.; characteristic odor and taste both becoming more pronounced and less agreeable on aging or exposure to air. Sp. gr. 0.854-0.868. Insol. in water. Uses—solvent for oils, resins, etc., for varnishes; vehicle for paints. Extern. in embrocations, liniments, etc. For internal use, the Rectified oil should be used.

●Pkg—1, 5, 55 gal. drums.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
Fritzsche Bros, 76 9 Ave, N Y 11
William S Gray & Co, 342 Madison Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mason Color & Chem Works, 206-214 Broadway, E Liverpool, Ohio
*Newport Industries, 230 Park Ave, N Y 17
*S B Penick & Co, 50 Church St, N Y 7
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Zophar Mills, 103 26 St, Bklyn 32, N Y

OIL OF VITRIOL see Acid, Sulfuric

OIL, WALNUT

Colorless or pale yellowish-green liq., pleasant odor, nutty taste. From seeds of Juglas regia. Sp. gr. 0.919-0.929. Sap. No. 188-196. Iodine No. 143-148. Sol. ether, chloroform, carbon bisulfide; insol. alcohol. Uses—mfr. varnishes and paints. Grades—tech.

*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
George Degen & Co, 111 Broadway, N Y 6
W R Grace & Co, 7 Hanover Sq, N Y 5
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal

OIL, WHALE (Oil, Blubber, Oil, Body, Oil, Train)

Yellowish-brown natural liq., strong fishy odor. From blubber of whale. Sp. gr. 0.925-0.930. M.P. 14-27.0° C. Sap. No. 188-193. Iodine No. 120. Acid No. 0.5-37. Sol. ether, benzene, chloroform, carbon disulfide; insol. alcohol. Uses—mfr. soaps, lubricating, leather finishing and dressing compositions, insecticides, fats by hydrogenation, sheep dips; as tallow substitute in oleomargarine, edible fats and oils; quenching steel in tempering; treating jute; tanning leather; as illuminant. Grades—crude No. 1 and No. 2; natural winter; bleached winter.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Hummel Chem Co, 90 West St, N Y 6
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13

OIL, WHEAT GERM

Obtained from fresh wheat germ. Uses—natural source of vitamin E.

●Pkg—5, 55 gal. drums.

Charles L Hulsking & Co, 45 Clinton Ave, Bklyn 5, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OIL, WHITE see Oil, Mineral

OIL, WHITE MINERAL see Oil, Mineral

OIL OF WINTERGREEN (also Synthetic O. of W.) see Methyl Salicylate

OIL, YLANG YLANG

*Alfred D Brown Associates, 59 Pearl St, N Y 4
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10
Tombarel Products Corp, 12 E 22 St, N Y 10

OILS, ADDITIVE

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Atlas Powder Co, Wilmington 99, Del
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*Shuman Chem Products Industrial Village, 20 Factory St, Cedar Grove, N J
*Standard Oil Co, 910 S Michigan Ave, Chicago 80, Ill
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Wasco Engrg Corp, 601 W 26 St, N Y 1

OILS, BINDER-TWINE

*Barrett Div, 40 Rector St, N Y 6
*Reilly-Whiteman-Walton Co, Conshohocken, Pa

OILS, BLOWN

Often termed base oils; are usually cottonseed, rape, whale, or fish oils which have been thickened by a process of partial oxidation and specially prepared for lubrication purposes.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Baker Castor Oil Co, 120 Broadway, N Y 5
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Spencer Kellogg & Sons, Buffalo 5, N Y

OILS, CORE

Specialized oils used in foundries to treat cores.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*J M Baird Co, 254 W 31 St, N Y 1



*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Specify WOBURN dependable PRODUCTS Woburn

SYNTHETIC DRYING OILS

DEHYDRATED CASTOR OIL (ISOLINE)

STYRENATED DEHYDRATED CASTOR OIL (ISOSTYRE)

Dehydrated Castor Oil
Fatty Acids (Isoline F.A. Supra)
Conjugated Linseed Oil and
Fatty Acids (Conjulin)
Styrenated Fatty Acids

Write for data to:
WOBURN CHEMICAL CORP. (N.J.)
1190 Harrison Ave., Kearny, New Jersey

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ESTABLISHED 1857
Baker

- SYNTHETIC DRYING OILS
- DEHYDRATED CASTOR OIL (*CASTUNGS)
- ACCELERATED LINSEED OIL
- DEHYDRATED CASTOR OIL FATTY ACIDS

* Reg. U.S. Pat. Off.

THE BAKER CASTOR OIL COMPANY
120 Broadway, New York 5, N. Y.
Chicago, Illinois Los Angeles, California

See Our Catalog Ad

OILS, CORE, continued

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Penola Oil Co, 15 W 51 St, N Y 19
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Werner G Smith, 1730 Train Ave, Cleveland 13, Ohio
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich

OILS, COTTON-SPRAYING

Proprietary compounds applied to cotton to condition the fibres for the mfr. of yarn and finished cloth, and at the same time improve the working conditions in the mill. Should penetrate the fibres thoroughly and uniformly, should have no detrimental effect on later bleaching and dyeing operations. Should make the fibres more flexible and thus easier to draft; should reduce static; should reduce fly, dust and shedding; prevent breakage of long fibres; produce smoother yarns; in general restore the natural oils and moisture to cotton which has been stored for long periods.

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Joy Chem, 133 Webster St, Pawtucket, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

OILS, CUTTING, SEMI-SOLUBLE

Used where a water solution cannot be successfully employed, especially on high carbon steels, to carry off the heat and to keep tools in good condition, producing a smooth, clean cut. See also Cutting Compounds.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, CUTTING, SOLUBLE

Concentrated lubricants to which water is usually added, to keep tools, etc., cool when used at high speeds preserving temper and retaining a proper cutting edge. Employed for automatic screw machines, lathes, milling, stamping, sawing, drilling, tapping, punching, planing, and grinding; also for pipe cutting and threading.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St N Y 14
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kall Mfg Co, 427 Moyer St, Phila 25, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Penola Oil Co, 15 W 51 St, N Y 19
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
Joseph Turner & Co, Ridgefield, N J
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass
*Jacques Wolf & Co, Passaic, N J

OILS, CUTTING BASES

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carlisle Chem Works, West St, Reading 15, Ohio
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Oakite Products 19 Rector St, N Y 6
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan Ave, Chicago 80, Ill
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, CUTTING, SULFURIZED

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, DRIP

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Joy Chem, 133 Webster St, Pawtucket, R I
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20

OILS, DRIVING, TANNING

Have the property of emulsifying additional quantities of vegetable, animal, or mineral oil. Generally used in conjuction with an untreated oil in the fat-liquoring process, but may also be used alone where it is necessary to have a good penetration of the oil globules.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill

OILS, DRYING, PAINT MAKERS'

Oils which possess to a marked degree the property of readily oxidizing to a relatively hard, tough, elastic substance. In practice certain oils possessing these characteristics of a drying oil to a lesser degree are termed semi-drying oils. See also: Oils, Chinawood, Linseed, Perilla, Soybean, Menhaden, Sardine, etc.

*Brazil Oiticica, 80 Broad St, N Y 4
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

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Pan American Refining Corp
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OILS, DRYING, SYNTHETIC

Modified oils, such as castor, soybean, linseed, and various animal oils, which have been chemically modified by procedures as catalytic dehydration, or production of synthetic glycerides by the re-esterification of fractionally distilled fatty acids. Uses—varnishes, enamels, lacquers, printing inks, linoleum, oilcloth, patent leather, putty, aluminum vehicles, core oils, in rubber, soap, textile fields.

*Alkydol Labs, 3242 S 50 Ave, Cicero, 50, Ill
*Baker Castor Oil Co, 120 Broadway, N Y 5, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*G A Wharry & Co, 95 Broad St, N Y 4
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

OILS, EMULSIFIABLE

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*M Michel & Co, 90 Broad St, N Y 4
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*S B Penick & Co, 50 Church St, N Y 7
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill

OILS, ESSENTIAL

Various natural volatile oils of characteristic pleasing odors or flavor, distinguished from fatty oils by their volatility, non-greasiness, and non-saponifying properties. Essential oils may be classified in 10 divisions: 1. Flower oils (Jasmin, Rose, Orange Flowers, Tuberose, Lavender Flowers); 2. Flowers and leaf oils (Lavender, Thyme, Violet, Peppermint); 3. Oils derived from whole plants above ground (Citronella, Patchoult, [illegible] Oils derived from the fruit (Bergamote, Lemon, Orange, Nutmeg); 5. Oils from seeds (Anis, Bitter Almond, Coriander); 6. Bark Oils (Cinnamon); 7. From wood of trees (Cedarwood, Sandalwood, Rosewood); 8. From Roots (Orris, Vetivert, Angelica); 9. Resin Oils (Olibanum, Myrrr, Tolu); 10. Oils of animal origin (Essence of Musk, Natural Ambergris, Castoreum). Essential oils are used to perfume and/or flavor wide variety of household and industrial chemical specialties, in cosmetics, foodstuffs, beverages, etc.

*M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Alfred D Brown Associates, 59 Pearl St, N Y 4

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OILS, ESSENTIAL, continued

Dalton-Cooper, 200 W 34 St, N Y 1
Joe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
T M Duche & Sons, 117 Hudson St, N Y 13
Dura Commodities Corp, 20 Vesey St, N Y 7
*Edwal Labs, Ringwood, Ill
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Hutchman Co, P O Box 386, Lakeland, Fla
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*P Robertet, 125 E 23 St, N Y 10
*Roure DuPont, 366 Madison Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tombarel Products Corp, 12 E 22 St, N Y 10
George Uhe Co, 76 9 Ave, N Y 11
*van Ameringen-Haebler, Inc, 521 W 57 St, N Y 19, N Y
Verona Chem Co, 26 Verona Ave, Newark 4, N J
O J Weeks Co, 44 N Moore St, N Y 13

OILS, EXTRUDING

*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa

OILS, FISH

Fish oils would include all oils expressed or extracted from various types of fish and would include cod, sperm, seal, and codliver oils, but in trade usage the term includes those oils which find special application in paint, linoleum, oil-cloth formulation, in thinning oils, soaps, etc., or combinations of fish oils used for these purposes. The most commonly used are menhaden, sardine, herring, salmon, whale, etc. See Oil, Menhaden; Oil, Sardine Oil, Herring; Oil, Salmon; Oil, Whale.
● Pkg—Drums, bbls.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio



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667 Washington Street, New York, N. Y.
Chicago, Ill. 173 W. Madison St.
Culver City, Calif. 3573 Hayden Ave.

H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
Elbert & Co, 2 Broadway, N Y 4
*Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Maxim Chem Co, 44 Cliff St, N Y 38
*Mearl Corp, 153 Waverly Pl, N Y 14
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

OILS, FISH, HYDROGENATED

Various fish oils treated with hydrogen in presence of catalyst to produce a stearic acid substitute. White to grayish mixture of different fats. Grades—depends upon its titre and iodine number. Uses—cosmetics, mfr. high grade and metallic soaps (which are used in dusting powders), as stearic acid substitute for ex. in production of rubber tires.
● Pkg—Drums.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Elbert & Co 2 Broadway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Werner G Smith, 1730 Train Ave, Cleveland 13, Ohio
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14

OILS, FISH, KETTLE BODIED

Fish oils which have been heat-treated and bodied in kettle to increase the viscosity or body of the oils. This produces a better flow, brush-ability, higher gloss and low acid number. Amber color; fish odor has been oxidized and resultant odor is therefore lighter. Uses—printing ink, silk screen printing, paints, enamels, mill whits, patent leather, linoleum, varnishes.

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
G A Wharry & Co, 95 Broad St, N Y 4

OILS, FISH BLOWN

Various fish oils which have been subjected to prolonged heating and blowing of air through the mass, increasing the viscosity and specific gravity thereby.

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Reilly-Whiteman-Walton Co, Conshohocken, Pa

OILS, FISH LIVER

Yellowish-brown to reddish-brown liq. Sol. ether, chloroform, alcohol, and carbon bisulfide. Uses—source of vitamin A and D in medicine, poultry and stock feeding; leather dressing; chamois leather tanning.
● Pkg—Custom packed.

H J Baker & Bro, 600 5 Ave, N Y 20
Chemical Service Corp, 82 Beaver St, N Y 5
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
Fallek Products Co, 163 Broadway, N Y 6
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Maxim Chem Co, 44 Cliff St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

OILS, FLOTATION

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*General Mills, 400 2 Ave S, Minneapolis, Minn
*M Michel & Co, 90 Broad St N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill

OILS, FROTHING

Products used to produce froth and employed principally in the flotation processes of metal or ore refining.

*Hercules Powder Co, 978 Market St, Wilmington 99, Del
M Michel & Co 90 Broad St, N Y 4
*Newport Industries, 230 Park Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

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OILS, FUR DRESSING

Products used to give a gloss and sheen to furs and to provide a protective coating, etc.

*Apex Chem Co, 225 W 34 St, N Y 1
*E F Drew & Co, 416 Division St, Boonton, N J
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Jacques Wolf & Co, Passaic, N J

OILS, GARNETTING

Oils, usually emulsified with water, applied to rags prior to the garnetting process. Garnetting refers to the process of obtaining shoddy by a mechanical process of tearing up woolen rags and waste in a machine similar to coase carding.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Watson-Park Co, Box 158, Ballard Vale, Mass
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, GEAR CUTTING

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, GRAPHITED

Lubricating oils which contain a relatively small percentage of graphite, usually in the colloidal form, which raises the critical temperature, thus permitting the use of smaller quantities of oil. This is desirable at high temp. where excess oil forms an excess of troublesome carbon. Less oil also entraps less dirt, reduces the fire-hazard.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill

OILS, HOBBING

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill

OILS, HYDRAULIC

Oils of high viscosity used in hydraulic presses, door checks, etc.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela) Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Penola Oil Co, 15 W 51 St, N Y 19
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, HYDROGENATED

Prepared by adding additional hydrogen to oils whose molecules are unsaturated as regards hydrogen. This is done in the presence of finely divided nickel as a catalyst. The process is complex and there are many variations. Hydrogenation may be stopped at any stage, and very hard fats may be mixed with untreated oils so that any degree of hardness or softness is obtainable. The principal use for hardened oils is for cooking and in the mfr. of soap. Fish oils when hydrogenated lose most of their disagreeable odor and in this form can be used in soap kettles and also are used in paint formulation.

●Pkg—400 lb. drums.

*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
Hummel Chem Co, 90 West St, N Y 6
Krart Chem Co, 917 W 18 St, Chicago 8, Ill
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
Welch, Holme & Clark Co, 439 West St, N Y 14
Witco Chem Co 260 Madison Ave, N Y 16

OILS, INK

Oils employed in ink making are classified as drying, semi-drying, and non-drying, the last being chiefly of petroleum origin. They are sometimes referred to as varnishes when in the finished state. Boiled oils dry much more rapidly than raw oils. Usually ink makers add a drier to the oil or mixture of oils.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
*Kendall Refining Co, Bradford, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
G A Wharry & Co, 95 Broad St, N Y 4

OILS, NEUTRAL

Any number of different oils which may be used for lubricating purposes, the one requirement being that the oil must be a distillate. Neutral oils are often mixed with animal and vegetable oils.

●Pkg—1, 5, 50, 55 gal. drums, 44 lb. carboys.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Kendall Refining Co, Bradford, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, NEUTRAL, COAL TAR

Trade term for refined coal-tar oils.

●Pkg—1, 5, 50, 55 gal. drums, 44 lb. carboys.

*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Neville Co, Neville Island, Pittsburgh 25, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
Zophar Mills, 103 26 St, Bklyn 32, N Y

OILS, PENETRATING

Lubricants of varying formulation (but often containing graphited oil) used to silence squeaks in inaccessible places in machinery, etc., to loosen up "frozen" nuts and bolts, and as a lubricant for leaf springs, chains, commutators, distributors, magnetos, timers, hinges, locks, etc.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Bell Co, 411 N Wolcott, Chicago 22, Ill
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Hutchman Co, P O Box 386, Lakeland, Fla
*Kali Mfg Co, 427 E Moyer St, Phila 25 Pa
*Kano Labs, 1000 S Thompson Lane, Nashville 11, Tenn
*E & F King & Co, 1640 Pleasant St, Norwood, Mass
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Illinois
*M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Superior Flake Graphite Co, 33 S Clark St, Chicago 3, Ill
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Jacques Wolf & Co, Passaic, N J
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, PERFUME

Products used in imparting pleasing oder and "covering up" disagreeable ones, in such preps. as: tissue, cold and vanishing creams, lotions, toilet and liq. soaps, toilet waters, shaving creams, bath salts, polishes, leather finishes, lubricating oils, water softeners, sanitary blocks, waxes, typewriter ribbons, insecticides, theatre and fly sprays, printing and multigraphing inks, greases, pastes, adhesives, etc. See Deodorants; also Perfumes.

*Aromatic Products, 15 E 30 St, N Y
*M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Alfred D Brown Associates, 59 Pearl St, N Y 4
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*P Robertet, 125 E 23 St, N Y 10
*Roure DuPont, 366 Madison Ave, N Y 17
*H C Ryland, 161 Water St, N Y 38
*Edwin Seebach Co, 912-920 Broadway, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

OILS, PLASTICIZING

Products which are employed as solvents and plasticizers for chlorinated rubber coatings, plastic compounds, fly paper, adhesives, printing inks, dyes, caulking compounds, waterproofing compositions, rubber resin finishes, aluminum pastes, and wherever an unsaponifiable, neutral, substantially non-drying oil is required. Also used as an anti-skinning agent in paints; in mfr. of artificial leathers, lacquers, electrical filling compounds, etc.

● Pkg—55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
Elbert & Co, 2 Broadway, N Y 4
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, PUTTY

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Sinclair Refining Co, 600 S Ave, N Y 20
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

OILS, QUENCHING

Materials which are used to cool metals after heat treatment.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 S Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, RAYON CONING

Usually compounded mineral oils of low viscosity or body which emulsify in water; applied to the yarn, on the coning machine and just prior to the yarn being wound on the cones, by means of a roller which dips into a trough containing the oil.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

OILS, REAMING

Specially formulated to provide for desired accuracy of cut and smoothness of surface. For usual work mineral or petroleum oil alone will not suffice. Specially processed additives are used which give cooling effect, lower friction values and provide for satisfactory penetration and coverage of metal surfaces.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, REFRIGERATOR

Specialized lubricating oils used in refrigerating units, ice-making machines, air-conditioning units, etc. Should possess high resistance to sludging, good stability, slow rate of decomposition, high value of demulsibility.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
*Sinclair Refining Co, 600 S Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Virginia Smelting Co, W Norfolk, Va
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, ROAD

Products, largely of coal-tar or petroleum origin, used on roads to lay dust and to act in general as a binder.

*Barrett Div, 40 Rector St, N Y 6
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Sinclair Refining Co, 600 S Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, RUBBER RECLAIMING

● Pkg—55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio

PICCO

PICCO

RUBBER RECLAIMING OILS

Also

Rubber Compounding Materials

Synthetic Resins

Solvents

Plasticizers

PENNSYLVANIA INDUSTRIAL CHEMICAL CORP.
CLAIRTON, PENNSYLVANIA
Representatives in Principal Cities

RECLAIMING OILS
Special Reclaiming Oils for the Rubber Industry

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• LOS ANGELES
• CHICAGO
• NEWARK

Tombarel

BASIC PERFUME MATERIALS
NATURAL FLOWER ESSENCES
ESSENTIAL OILS
AROMATIC CHEMICALS

TOMBAREL
PRODUCTS CORPORATION
NEW YORK

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

PICCO

SOLVENT OILS

•

Hi-Solv
Solvent Oils

•

PICCO Heavy Oils

PENNSYLVANIA INDUSTRIAL CHEMICAL CORP.
CLAIRTON, PENNSYLVANIA
Representatives in Principal Cities

Specify WOBURN Dependable PRODUCTS Woburn

STYRENATED DEHYDRATED CASTOR OIL
(ISOSTYRE)

STYRENATED SOYABEAN OIL
(SOYASTYRE)

Styrenated Fatty Acids
Dehydrated Castor Oil (Isoline)
Dehydrated Castor Oil Fatty Acids
(Isoline F.A. Supra)

Write for data to:
WOBURN CHEMICAL CORP. (N.J.)
1190 Harrison Ave., Kearny, New Jersey

See Our Catalog Ad

OILS, RUBBER RECLAIMING, continued

Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Veisicol Corp, 330 E Grand Ave, Chicago 11, Ill

OILS, SHINGLE-STAIN

Coal-tar oils with or without dyes used to stain and preserve shingles.
● Pkg—55 gal. drums.

*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, SILICONE

● Pkg—1, 5, 55 gal. drums.

*Anderson Labs, Weston, Mich
*J M Baird Co, 254 W 31 St, N Y 1
*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y

OILS, SIZE

Usually a thinning varnish for sizing new plaster walls, thinning and sealing flat paints before gloss painting.

*Arnold Hoffman & Co, 55 Canal St, Providence, R I
*Colloids, Inc, 394 Frelinghuysen Ave Newark 5 N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

OILS, SLUSHING

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Peerless Oil & Chem Corp 51 Ave & 27 St, L I C 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan Ave, Chicago 80, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, SOAKING, HOSIERY YARN

Special water sol. oils supplying the necessary clearance and proper conditioning and suitable for soaking silk for hosiery tram, warps, and filling.

*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Jacques Wolf & Co, Passaic, N J

OILS, SOAKING, RAYON CREPE

Specialized oils of excellent penetrating powers that are used to condition rayon yarns; to give a greater elasticity and pliability so as to prevent mechanical breaks.

*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Jacques Wolf & Co, Passaic, N J

OILS, SOLVENT

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
William S Gray & Co, 342 Madison Ave, N Y 17
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Hutchman Co, P O Box 386, Lakeland, Fla
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kendall Refining Co, Bradford, Pa
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Newport Industries, 230 Park Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

OILS, SOLUBLE, METAL-WORKING

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penola Oil Co, 15 W 51 St, N Y 19
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Renite Co, P O Box 365, Sta A, Columbus 1, Ohio
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Sunnyside Oil, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, STYRENATED

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Spencer Kellogg & Sons, Buffalo 5, N Y
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

OILS, SULFONATED

Sulfonated oils are products of the action of strong sulfuric acid on vegetable, animal, and mineral oils; also their fatty acids, and alcohols. They are available for use in a wide variety of processes in the textile, leather, metal and miscellaneous industries as follows: sulfonated castor oil, olive oil, neatsfoot oil, lard oil, rape oil, mustard seed oil, tea seed oil, sunflower oil, tallowoleic acid (red oil), cod oil, herring oil, whale oil, sperm oil, coconut oil, palm kernel oil, palm oil, degras, fatty acids of the foregoing oils, fatty alcohols, and products from mineral oil refining. U.S. Bureau of Standards defines sulfonated oils; the term "sulfonated oil" shall designate the product of interaction between a saponifiable oil or fat or its fatty acids, or a mixture of saponifiable oils or fats or their fatty acids, and sulfuric acid or similar sulfonating agent, the reaction to take place under such conditions that some or all of the oil is converted into a sulfate. With the exception of water and alkali, it shall contain no other admixture. A sulfonated oil of any particular designation shall contain no other oil or fat, except the kind designated.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3 R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
Fiber Chem Corp, P O Box 218, Matawan, N J
Hummel Chem Co, 90 West St, N Y 6
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Peerless Oil & Chem Corp 51 Ave & 27 St, L I C 1, N Y
Reilly-Whiteman-Walton Co, Conshohocken, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Ritter Chem Co, Amsterdam, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Watson-Park Co, Box 158, Ballard Vale, Mass
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

OILS, TANNING

Primary function of oils in tanning operations is the lubrication of the collagen bundles, which form the large portion of the hide, so that they will not glue together resulting in a hard, brittle leather. Many oils and fats are used: tallow and oleo-stearine for stuffing harness, strap and belting leather; neutral oils such as cod, neatsfoot, castor, mineral, etc. See also Fat Liquors: Oils, Sulfonated; Tallow, Sulfonated.
●Pkg—55 gal bbls, drums.

*Apex Chem Co, 225 W 34 St, N Y 1
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9 Ill
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33 Pa
*Kehew-Bradley Co, 40 Oliver St, Boston 10, Mass
*Kem Products Co, 227-229 High St, Newark 2, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Ritter Chem Co, Amsterdam, N Y
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Jacques Wolf & Co, Passaic, N J

OILS, TEMPERING

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Industrial Oil Products Corp, Margaret & Pearce Sts, Phila 37, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp 51 Ave & 27 St, L I C 1, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, TERPENELESS

Specialized oils used in place of essential oils; characterized by great strength, solubility, slow rate of deterioration, and ability to withstand exposure to the air or subjection to heat in manufacturing processes.

*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*V & E Kohnstamm, 329 Canal St, N Y 13
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Polak's Frutal Works, Middletown, N Y

OILS, TEXTILE

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold Hoffman & Co, 55 Canal St, Providence 1, R I
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*M Michel & Co, 90 Broad St, N Y 4
Mona Industries, 65-75 E 23 St, Paterson, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*New York & New Jersey Lubricant Co, 292 Madison Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jesey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Ritter Chem Co, Amsterdam, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
Stanalchem Inc, 350 Madison Ave, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
G A Wharry & Co, 95 Broad St, N Y 4
*W A Wood Co, 40 Oliver St, Boston 10, Mass
*Jacques Wolf & Co, Passiac, N J

OILS, TEXTILE, COTTON

Finishing oils formulated to give a finish or glaze to cotton yarns. Should not give a yellowish tinge to goods on ageing. In many instances products of this type exert an effect of leveling up shades. Should also impart to the goods a very lofty handle.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Chem Co, 2072 Smith St, Centredale 11, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

STANDAPOL*
Sulfonated Oils

STANTEX* OILS
Anti-static, lubricating, softening, finishing and soluble oils

* Reg. U. S. Pat. Office

SAMPLES AND DEMONSTRATION ON REQUEST

REG. U. S. PAT. OFF.

STANDARD CHEMICAL PRODUCTS, INC.
1301 JEFFERSON STREET, HOBOKEN, NEW JERSEY

Oils

MONOPOLE OIL*
Highly concentrated: Double Sulphonated

SULPHONATED OILS
Vegetable, Mineral, Marine, Animal Bases

BASE OILS

SANFORIZING OILS

WOOL SCOURING OILS

RAYON OILS

FINISHING OILS

BOIL-OFF OILS

ANTI-STATIC OIL

Ask for Chemical & Specialties Catalog

*Reg. U.S. Pat. Off.

JACQUES WOLF & CO.
Chemicals
PASSAIC, N.J.

Passaic, N.J. • Carlstadt, N.J. • Los Angeles, Calif.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

OILS, TEXTILE, COTTON, continued

*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
•Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
•Jacques Wolf & Co, Passaic, N J

OILS, TEXTILE, RAYON

Colorless, odorless, stainless oils used to lubricate rayon yarns in the weaving process so as to prevent breaking of the thread.

*Antara Chem Div, 435 Hudson St, N Y 14
•Apex Chem Co, 225 W 34 St, N Y 1
•Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Baker Castor Oil Co, 120 Broadway, N Y 5
•Cities Service Petroleum, 60 Wall Tower, N Y 5
•Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
•E F Drew & Co, 416 Division St, Boonton, N J
•Emery Industries, Carew Tower, Cincinnati 2, Ohio
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Fiber Chem Corp, P O Box 218, Matawan, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
•E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
•Joy Chem, 133 Webster St, Pawtucket, R I
•Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
•Nopco Chem Co, Logan & Davis Sts, Harrison, N J
•Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
•Reilly-Whiteman-Walton Co, Conshohocken, Pa
•Scher Bros, 519 Getty Ave, Clifton, N J
•Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
•Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
•L Sonneborn Sons, 300 4 Ave, N Y 10
•Standard Chem Products, 1301 Jefferson St, Hoboken, N J
•Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
•Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
•Jacques Wolf & Co, Passaic, N J
•Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
•Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
•Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
•Nopco Chem Co, Logan & Davis Sts, Harrison, N J
•Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
•Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
•Reilly-Whiteman-Walton Co, Conshohocken, Pa
•Scher Bros, 519 Getty Ave, Clifton, N J
•Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
•Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
•L Sonneborn Sons, 300 4 Ave, N Y 10
•Standard Chem Products, 1301 Jefferson St, Hoboken, N J
•Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
•Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
•Jacques Wolf & Co, Passaic, N J

OILS, TEXTILE, SILK

Wide variety of oils employed by throwsters for softening raw silk. Olive oil, coconut oil, neatsfoot oil, sulfonated oils, and special combinations of these and other oils often with added soap are used. More recently complex organic products, such as the higher fatty alcohols, have been introduced.

*Antara Chem Div, 435 Hudson St, N Y 14
•Apex Chem Co, 225 W 34 St, N Y 1
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
•Cities Service Petroleum, 60 Wall Tower, N Y 5
•Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
•Dexter Chem Corp, 819 Edgewater Rd, N Y 59
•E F Drew & Co, 416 Division St, Boonton, N J
•Emery Industries, Carew Tower, Cincinnati 2, Ohio
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Fiber Chem Corp, P O Box 218, Matawan, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
•E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
•Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill

OILS, TEXTILE, WOOL

Neutral soaps providing uniform emulsion, which penetrate easily, do not stain, and wash out readily. Used to lubricate the fibre as well as for the cleansing effect.

*Antara Chem Div, 435 Hudson St, N Y 14
•Apex Chem Co, 225 W 34 St, N Y 1
•Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
•Cities Service Petroleum, 60 Wall Tower, N Y 5
•Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
•E F Drew & Co, 416 Division St, Boonton, N J
•Emery Industries, Carew Tower, Cincinnati 2, Ohio
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Fiber Chem Corp, P O Box 218, Matawan, N J
•Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
•E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kali Mfg Co, 427 E Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
•Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
•Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
•Mona Industries, 65-75 E 23 St, Paterson, N J
•Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
•Nopco Chem Co, Logan & Davis Sts, Harrison, N J
•Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
•Reilly-Whiteman-Walton Co, Conshohocken, Pa
•Scher Bros, 519 Getty Ave, Clifton, N J
•Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
•L Sonneborn Sons, 300 4 Ave, N Y 10
•Standard Chem Products, 1301 Jefferson St, Hoboken, N J
•Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
•Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
•Watson-Park Co, Box 158, Ballard Vale, Mass
•Jacques Wolf & Co, Passaic, N J
•W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, THREADING

Threading operations demand a lubricant and coolant. The oils used must be so made up that great film strength is obtained, rapid penetration and spread afforded, and a decided cooling effect produced. The cutting edge which forms the thread must be kept clean and free.

*Cities Service Oil Co, (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
•Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
•W A Wood Co, 40 Oliver St, Boston 10, Mass

OILS, THROWING

Oils employed by the throwster in preparing raw silk in in various soaking baths for the subsequent stages of knitting into silk goods, dyeing and finishing. See also Oils, Textile (silk).

*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
•Cities Service Petroleum, 60 Wall Tower, N Y 5
•Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
•Dexter Chem Corp, 819 Edgewater Rd, N Y 59
•E F Drew & Co, 416 Division St, Boonton, N J
•Emery Industries, Carew Tower, Cincinnati 2, Ohio
•Emkay Chem Co, 319 2 St, Elizabeth, N J
•Fiber Chem Corp, P O Box 218, Matawan, N J
•Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
•Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
•Nopco Chem Co, Logan & Davis Sts, Harrison, N J
•Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
•Scher Bros, 519 Getty Ave, Clifton, N J
•Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa

HYDROFOL GLYCERIDES

HYDROGENATED
Marine Oils
Vegetable Oils
Animal Fats
Castor Oil

Controlled composition.
Wide range of melting points.
Guaranteed quality.
Write for information.

Hydrofol PRODUCTS
ARCHER • DANIELS •MIDLAND Company
CHEMICAL PRODUCTS DIVISION
2191 West 110th Street
Cleveland 2, Ohio

STANTEX* TEXTILE OILS
STANTEX* N. S. P. OILS
. . . For nylon yarns
STANTEX* No. 819
. . . Anti-static wool lubricant
STANTEX* FINISH No. 10
. . . For rayon yarns
STANTEX* No. 168
. . . For cotton yarns
* Reg. U. S. Pat. Office

SAMPLES AND DEMONSTRATION ON REQUEST

S C.P.Inc.
REG. U. S. PAT. OFF.

STANDARD CHEMICAL PRODUCTS, INC.
1301 JEFFERSON STREET, HOBOKEN, NEW JERSEY

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

OILS, VEGETABLE

*Archer-Daniels-Midland, Chem Products Div, 2191 W. 110 St, Cleveland 2, Ohio
H J Baker & Bro, 600 5 Ave, N Y 20
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Baker Industrial Oils Co, 872 Drexel Bldg, 6 & Chestnut Sts, Phila 6, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
George Degen & Co, 111 Broadway, N Y 6
*E F Drew & Co, 416 Division St, Boonton, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
Elbert & Co, 2 Broadway, N Y 4
Hummel Chem Co, 90 West St, N Y 6
*Hutchman Co, P O Box 386, Lakeland, Fla
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Spencer Kellogg & Sons, Buffalo 5, N Y
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry & Co, 95 Broad St, N Y 4
Witco Chem Co, 260 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J

OILS, VEGETABLE, VULCANIZED

Harwick Standard Chem Co, 60 S Seibering St, Akron 5, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal

OILS, WOOL SCOURING

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Alex C Ferguson Co, 44 E Oregon Ave, Phila 48, Pa
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Hummel Chem Co, 90 West St, N Y 6
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Jacques Wolf & Co, Passaic, N J

OLEFINS

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Humphrey-Wilkinson, Devine St, N Haven, Conn
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

Phillips 66

HYDROCARBONS

AVAILABLE PHILLIPS 66 HYDROCARBONS LISTED BELOW	GRADE Research	Pure (99%)	Technical (95%)	Commercial
PARAFFINS				
Methane	X	X		
Ethane	X	X		
Propane	X	X	X	
Isobutane	X	X	X	
Normal Butane	X	X	X	
2,2-Dimethylpropane	X	X	X	
Isopentane	X	X	X	X
Normal Pentane	X	X	X	X
2,2-Dimethylbutane	X	X	X	
2,3-Dimethylbutane	X	X	X	X
2-Methylpentane	X	X	X	
3-Methylpentane	X	X	X	
Methylpentanes				X
Isohexanes				X
Mixed Hexanes				X
Normal Hexane	X	X	X	X
2,4-Dimethylpentane	X	X	X	
2,3-Dimethylpentane			X	
Isoheptanes				X
Normal Heptane	X	X		X
2,2,4-Trimethylpentane	X	X		
2,4-Dimethylhexane			X	
2,3-Dimethylhexane			X	
Mixed Octanes				X
Isooctanes				X
Normal Octane	X	X	X	
2,2,5-Trimethylhexane	X	X	X	
Normal Nonane	X	X	X	
CYCLOPARAFFINS				
Cyclopentane	X	X	X	X
Methylcyclopentane	X	X	X	X
Cyclohexane	X	X	X	X
Methylcyclohexane	X	X	X	X
OLEFINS				
Ethylene	X	X	X	
Propylene	X	X	X	
Isobutylene	X	X	X	
Butene-1	X	X	X	
Butene-2, Low Boiling	X	X		
Butene-2, High Boiling	X	X	X	

AVAILABLE PHILLIPS 66 HYDROCARBONS LISTED BELOW	GRADE Research	Pure (99%)	Technical (95%)	Commercial
OLEFINS (Contd.)				
Butene-2 (Mixed)		X	X	
3-Methylbutene-1	X	X	X	
2-Methylbutene-1			X	
2-Methylbutene-2	X	X	X	
Pentene-1	X	X	X	
Pentene-2		X	X	
4-Methylpentene-1			X	
4-Methylpentene-2			X	
2-Methylpentene-1			X	
2-Methylpentene-2			X	
Hexene-1	X	X	X	
Hexene-2			X	
Heptene-3			X	
Heptene-2		X	X	
Isoheptenes				X
2,4,4-Trimethylpentene-1	X	X	X	
2,4,4-Trimethylpentene-2			X	
Octene-1		X	X	
Octene-2			X	
Isooctenes				X
2,6-Dimethylheptene-3			X	
CYCLOOLEFINS				
Cyclopentene	X			
Cyclohexene	X	X	X	
4-Methylcyclohexene-1			X	
4-Vinylcyclohexene-1	X	X	X	
DIOLEFINS				
Butadiene-1,3	X	X		
2-Methylbutadiene-1,3	X	X	X	
AROMATICS				
Benzene	X	X		
Toluene	X	X	X	
Ethylbenzene	X	X	X	
Ortho Xylene	X	X	X	
Para Xylene	X	X		
Mixed Xylenes		X	X	
Isopropylbenzene	X	X	X	
sec-Butylbenzene	X	X		
tert-Butylbenzene	X	X	X	
n-Butylbenzene	X		X	
1-Phenylbutene-2			X	

ALSO

Hydrocarbon Mixtures
Special and Regular Solvents
Reference Fuels
Tertiary Aliphatic Mercaptans
Ditertiary Aliphatic Disulfides
Natural Gas
Rubber Swelling Test Fluids
Carburetor Calibrating Fluid
Spectroscopically Clear Solvents
Methylethyl and Vinyl Pyridines
Instrument Grade Gases — Propane, Normal Butane and Isobutane

Phillips 66 HYDROCARBONS

Write for complete information.

PHILLIPS PETROLEUM COMPANY
SPECIAL PRODUCTS DIVISION
Bartlesville, Oklahoma

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog section

OLEFINS

HIGH HW PURITY

Paraffins, Olefins, Alcohols, Ethers, Chlorides, Bromides, Mercaptans in the C_6 to C_{18} range.

Notably Pure and Free from Isomers.

Custom Manufacture of Aliphatic Compounds Including Sodium Reductions.

HUMPHREY - WILKINSON

INCORPORATED

Chemical Manufacturers

DEVINE STREET
NORTH HAVEN, CONN.

SINCLAIR

Odorless Solvents

•

Aliphatic & Aromatic Petroleum Solvents

•

Olefins

•

Petroleum Sulfonates

•

Lubricating Oil Additives

•

Odorless Base Oil (Insecticide)

•

Sulfur

SINCLAIR CHEMICALS, INC.

6 East 45th St., New York 17, N.Y.

OLEFINS, continued

*Sinclair Chem, 6 E 45 St, N Y 17
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

OLEUM (Fuming Sulfuric Acid)

H_2SO_4 with free SO_3. Colorless or sl. colored, viscous liq., emitting choking fumes of sulfur trioxide. Extremely corrosive. Sulfating and sulfonating agent.
● Pkg—Bottles, 5, 13 gal. carboys, 55, 110 gal. drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
*Cornwell Chem Corp, 24 E 38 St, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Doe & Ingalls, 56 Garden St, Everett 49, Pa
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 5, Va
Welch, Holme & Clark Co, 439 West St, N Y 14

OLEUM BUBULUM see Oil, Neatsfoot

OLEUM GOSSYPII SEMINIS see Oil, Cottonseed

OLEUM LINI see Oil, Linseed

OLEUM MORRHUAE see Oil, Cod Liver

OLEUM OLIVAE see Oil, Olive

OLEUM PALMAL see Oil, Palm

OLIBANUM see Gum, Thus

OLIVE OIL FOOTS

Residues from extractions of olive oil. Uses—mfr. soaps, manures, cattle feed. Grades—prime green; brown.

Hummel Chem Co, 90 West St, N Y 6
Welch, Holme & Clark Co, 439 West St, N Y 14

OPACIFIERS, COSMETIC

*W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

OPACIFIERS, ENAMEL

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Rare Earths, Box 488, Rd #4, Paterson, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17

OPACIFIERS, GLASS

Opacity in enamel and glaze is due to the reflection of light by glassy layers. In order to have maximum opacity, presence of many uniformly distributed reflecting bodies are required—opacifying agents act as the producing crystalline compounds in glass and enamel.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

ORANGE CADMIUM see Cadmium Sulfide

ORCINOL

$C_6H_3(CH_3)(OH)_2$. M.W. 124.0. White cryst. powd. Becomes red with age. Sp. gr. 1.289; M.P. 107°C. B.P. 287°C. Uses—as an antiseptic; as a reagent for oenteses; as a stain.
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

ORGANO MERCURY COMPOUNDS

*Antara Chem Div, 435 Hudson St, N Y 14
*F W Berk & Co, Park Pl E, Woodridge, N J
*Chipman Chem Co, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y
*William M Stieh & Co, 20 Vesey St, N Y 7

ORIENT YELLOW see Cadmium Sulfide

ORLEANE see Annatto

ORPIMENT see Arsenic, Yellow

OSAGE ORANGE EXTRACT

Extract made from bark of shrub Maclura aurantica, native of U. S. Uses—tanning and textile industries. Grades—liq. 42 deg.; powdered.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

OSMIC TETROXIDE see Acid, Osmic

OSMIUM

Os. M.W. 190.2. A hard, bluish-white metallic element of the platinum group. M.P. 2700°C. Insol. water or acids. At. No. 76. Used as a catalyst, in platinum alloys, for incandescent lamps and pen-points.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*J M Baird Co, 254 W 31 St, N Y 1
*Baker & Co, 113 Astor St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Varlacoid Chem Co, 116 Broad St, N Y 4

OVALBUMIN see Albumin, Egg

OXAMMONIUM HYDROCHLORIDE see Hydroxylamine Hydrochloride

OXAMMONIUM SULFATE see Hydroxylamine Sulfate

OX GALL (Fel Bovis)

Yellowish-green liq., unpleasant odor. From bile of ox. Uses—as soap ingredient; cleansing agent; in engraving and lithography scouring wool; in medicine. Grades—tech.; U.S.P. extract.
● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Fallek Products, 163 Broadway, N Y 6
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

OXIDANTS, OZONE

*Welsbach Corp, Ozone Processes, Div, 2409 W Westmoreland St, Phila 29, Pa

OXIDE, YELLOW, PRECIPITATED see Iron Oxide, Yellow

OXIDES, ENAMELERS'

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal

OXONE see Sodium Peroxide

o-OXYBENZALDEHYDE see Salicylaldehyde

OXYBUTANOL see Aldol

OXYBUTYRICALDEHYDE see Aldol

OXYGEN

O_2. Colorless, odorless, tasteless gas. Sp. gr. 1.0535. F.P. —218.4°C. B.P. —183.0°C. Sol. molten silver; sl. sol. water. Uses—mfr. gas, oxygenated waters; cutting and welding flames with acetylene; promoting fuel combustion; bleaching paper and pulp; oxidation of oils; maturing of wines and vinegars; in medicine. Grades—tech.; pure; U.S.P.
● Pkg—Cylinders.

*Air Reduction Sales Co Div, Air Reduction Co, 60 E 42 St, N Y 17
*Thomas A Edison, Medical Gas Div, P O Box 15, Stuyvesant Falls, N Y
*Liquid Carbonic Corp, 3100 S Kedzie Ave, Chicago 23, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

OXYMETHYLENE see Formaldehyde

OXYQUINOLINE

$C_9H_9N.OH$. M.W. 146.1. A hydroxy derivative of quinoline.
● Pkg—Drums.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio
*Toelle Chem Co, R D 1, Box 75, Newton, N J

OXYQUINOLINE BENZOATE

Uses—In medicine as bacteriostatic.
● Pkg—25, 100 lb drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

OXYQUINOLINE CITRATE (8-Hydroxyquinoline Citrate)

Approx. $C_9H_7ON.C_6H_8O_7$. M.W. 337. Yellow crystalline powd.; saffron-like odor. Freely sol. water. Uses—In medicine as bacteriostatic.

*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59

OXYQUINOLINE SULFATE

$(C_9H_7NO)_2H_2SO_4$. M.M. 388.29. Yellow crystalline powd. Sl. Saffron odor, burning taste. M.P. 175-178°C. Uses—medicinal, antiseptic.
● Pkg—100 lb drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Edward S Burke, 65 Pine St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

OXYSALICYLATE see Bismuth Subsalicylate

P.E.T.N. see Pentaerythritol Tetra Nitrate

PACKAGING, PRIVATE LABEL

*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Thompson Chem Co, 90 Merton Ave, Pawtucket, R I

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Welsbach's pioneering in ozone research has made low-cost ozone a reality . . . and that development has made "Welsbach" and "Ozone" synonymous to research men everywhere.

*research or management

In addition to its economy, Welsbach Ozone has become the oxidant of choice because of its efficiency and dependability. And a background of engineering "know-how" is available to help in solving oxidation problems in new applications of ozone . . . in servicing Welsbach Ozonators . . . and in bringing present equipment up-to-date. More than three-quarters of a century of company existence is proof that Welsbach's engineers will be ready when you want them . . . whether it is today or tomorrow. Write now for the Welsbach Ozone catalog folder.

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in water purification . . .

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OZONE PROCESSES DIVISION
1500 WALNUT STREET, PHILADELPHIA 7, PA.

PIONEERS IN CONTINUING OZONE RESEARCH

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PACKING, CHEMICAL-RESISTANT

Materials for stopping leakage of fluids, usually compounded from various types of asbestos, formulated so as to resist the action of acids, alkalies, or solvents.

*Johns-Manville, 22 E 40 St, N Y 16
*National Carbon Co Div, 30 E 42 St, N Y 17

PAINT BASES

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Claremont Pigment Dispersion Corp, 110 Wallabout St, Bklyn 11, N Y
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton-Davis Chem Co Div, Sterling Drug, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Marbon Corp, 1927 W 10 St, Gary, Ind
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reichhold Chem, 630 5 Ave, N Y 20
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*G A Wharry & Co, 95 Broad St, N Y 4
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J

PAINT BASES, MILDEW PROOF

*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

PAINT BASES, RESIN EMULSION

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Catalin Corp of America, 1 Park Ave, N Y 16
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Superior Materials, 120 Liberty St, N Y 6

PAINTS, ACID-ALKALI RESISTANT

Specially formulated paints, largely of the synth. resin type, exhibiting great resistance to the chemical action of acids and alkalies.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Fabrics & Finishes Dept, Wilmington 98, Del
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington, 11, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Varnitan Co, 416 N Varney St, Burbank, Cal

PAINTS, ALUMINUM

Formulated with the metallic paste or powd. for surfaces periodically or continuously subjected to high temp., such as steam lines, furnace doors, steam-jacketed kettles, etc., also now employed as a sealer on new and old work.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
Bergstrom Trading Co, 233 Broadway, N Y 7
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Ferlinghuysen Ave, Newark 5, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Penola Oil Co, 15 W 51 St, N Y 19
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

PAINTS, ANTI-CORROSIVE

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Dampney Co, Hyde Park, Boston 36, Mass
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Saureisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*United States Varnish Co, 652 Franklin Ave, Hasbrouck Heights, N J
*Varnitan Co, 416 N Varney St, Burbank, Cal
*John H Witte & Sons, Burlington, Iowa

PAINTS, ANTI-FOULING

Paints particularly compounded for use on ship's bottoms to retard barnacle growth. Cuprous oxide and mercuric oxide are usually constituents in varying proportions depending upon usual location of the vessel in north temperate, south temperate or tropical waters.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Baer Bros, 438 W 37 St, N Y 18
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*John H Witte & Sons, Burlington, Iowa

PAINTS, ASPHALT

Formulated with pure asphalt as a base, resistant to moisture, acids, alkalies, and used in coating cables, tubing, battery boxes, switchboards, cable and conduit joints, painting metal surfaces such as tanks, vats, equipment; for coating vats, etc., in vinegar and cider mfr.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Armstrong Co, 241 S Post St, Detroit 17, Mich
*Armstrong Cork Co, Lancaster, Pa
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dampney Co, Hyde Park, Boston 36, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Ruberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N Birmingham 2, Ala
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

PAINTS, BATTERY

Made with asphalt, gilsonite, and such solvents as mineral spirits; are quick drying, and rather heavy bodied. Their spreading rate is low, and they form rather a heavy film. Principal characteristics are, high chemical and water resistance, and low price.

*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

PAINTS, BITUMINOUS

Coatings with a bituminous base and used largely on roofs and on pipe lines, gas mains, etc., to provide protection against moisture, salts, alkalies, acids, and electrolysis

*American Bitumuls & Ashpalt Co, 200 Bush St, San Francisco 4, Cal
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99 Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PAINTS, BOILER

Paints for boiler fronts formulated with special oils and gums to obtain excellent elasticity and resistance to quick changes of temp. Should withstand temp. between 500 to 700°F. without losing life or lustre; should resist steam, smoke, fumes, gases, acids, and alkalies.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Barrett Div, 40 Rector St, N Y 6
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

PAINTS, CASEIN

Coatings in which casein replaces the linseed or other drying oils of ordinary paint. Casein provides the sizing property, whereas fillers supply the covering power. For indoor ornamental work, the usual fillers are lime, powdered chalk, or kaolin. For outside, lime or cement becomes the filler. The paint is prepared by mixing intimately correct proportions of casein, filler and pigment in a mill. The finished powd. is mixed with water to correct consistency when used by the consumer. Casein paints provide pleasant effects, are very durable, and with special treatment are washable.

*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

PAINTS, CEMENT

Highly specialized formulations characterized by chemical resistance and hardness which waterproof and prevent disintegration of cement or concrete surfaces, thereby eliminating chalking and dusting. Somewhat different formulations are used on stucco, brick, stone and cement for floor and wall surfaces, exterior or interior.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gelvatex Coatings Corp, 93 N Arroyo Pkwy, Pasedena, Cal
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*David E Long Corp, 220 E 42 St, N Y 17
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sitka Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Varniton Co, 416 N Varney St, Burbank, Cal

PAINTS, CHLORINATED RUBBER

Specialized formulations containing chlorinated rubber which improves gloss, increases durability of the finish, accelerates drying rate, increases resistance to corrosion, acids and alkalies. Find special applications as anti-corrosion coatings on metal structures, equipment, etc., in concrete coatings, etc.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*Dehis & Stein, 237 South St, Newark 5, N J
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maurice A Knight, P O Box 111, Akron 6, Ohio
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*United Chromium, 100 E 42 St, N Y 17
*John H Witte & Sons, Burlington, Iowa

PAINTS, COAL TAR

*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PAINTS, COLD WATER

A Adler & Son, 1039-1041 N Front St, Phila 23, Pa
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

PAINTS, DAMP RESISTING

Elastic, full bodied, tacky products prepared for spray or brush application to the interior surfaces to prevent the penetration of dampness and to make the inside stain-proof.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
David E Long, 220 E 42 St, N Y 17
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rubberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sitka Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

PAINTS, DIPPING

Thin-bodied paints used in the coating of production items. These paints are generally made with varnish vehicles and pigmented with the usual material, depending upon the color required. They dry quickly and are so formulated that the body of the paint in the tank remains constant during use. Dipping Paints also vary considerably in price, depending upon the service to which they are put.

*Adelphi Paint & Color Works, 86-00 Dumont Ave Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*John H Witte & Sons, Burlington, Iowa

PAINTS, FIRE RETARDANT

*Coopers Creek Chem Corp, River Rd, W Conshohocken Pa
*Debevoise Co, 74 20 St, Bklyn 32, N Y
DeLamar-Hendrey, 461 W Erie St, Chicago 10, Ill
*Flamort Chem Co, 746 Natoma St, San Francisco 3, Cal
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*Midland Industrial Finishes Co, E Water St, Waukegan Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Ca
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99 Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sterone Corp, 250 W 57 St, N Y 19
*John H Witte & Sons, Burlington, Iowa

PAINTS, GAS MAIN

Specialized paints highly resistant to moisture, salts, alkalies, certain organic acids, and electrolysis; excellent bonding properties to metal.

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Barrett Div, 40 Rector St, N Y 6
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St Phila 24, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

PAINTS, GRAPHITE

Paints formulated with finely divided graphite for covering metal surfaces to act as an anti-corrosion coating.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
*Baer Bros, 438 W 37 St, N Y 18
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St Phila 24, Pa
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99 Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2 Ohio
*John H Witte & Sons, Burlington, Iowa

PAINTS, HEAT RESISTANT

Formulated with heat resisting oils and selected fillers to be impervious to temp. as high as 500 to 600° F., and employed on smokestacks, locomotives, steel kettles, boiler fronts, incinerators, etc. See also Paints, Smokestack.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Americon Chem Paint Co, Ambler, Pa
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-436 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*John H Witte & Sons, Burlington, Iowa

PAINTS, INSULATING

Coatings resistant to fire and in many instances resistant also to acids, oil, etc.; insulators of electricity; withstand high temp. Used in heat treating of steel for anti-carburizing, replacing asbestos paper for furnace pipes, fire-proof painting of wood, porcelainizing brick and concrete walls; as a protection on metal against rust and corrosion, sticking asbestos paper into annealing boxes, as a fire proof marking material in high temperatures; as a pufley dressing to prevent slipping; as a coating for factories, etc.

*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubberoid Co, 500 5 Ave, N Y 36
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*United Chromium, 100 E 42 St, N Y 17

PAINTS, LUMINOUS

Special paints, formulated with luminous pigments which "glow" in the dark, find application on watch and instrument dials, door knobs, electric light pull chains, signs, etc., and wherever attention to objects in the dark is desirable, either from the artistic or safety viewpoint. Color of the luminescence can be varied and controlled within wide limits.

*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

PAINTS, METALLIC

Specially formulated products, often containing finely ground iron oxides, for use on metal tanks, roofs, bridges, elevators, and other exposed metal surfaces. Should provide an intimate bond with the metal so as not to "lift" on long exposure to the elements. See also Paints, for Rusted Metal Surfaces.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Bell Chem Co, 25 W 44 St, N Y 36
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*John H Witte & Sons, Burlington, Iowa

PAINTS, MILDEW RESISTANT

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Baer Bros, 438 W 37 St, N Y 18
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Gelvatex Coatings Corp, 93 N Arroyo Pkwy, Pasadena, Cal
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17

PAINTS, MILL WHITE

Paints formulated primarily for plants, lofts, schools, public buildings, etc., where pure whiteness and resistance to yellowing are essential. Should have good resistance to abrasion and vibration of factory walls, and should stand up under repeated washings.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*John H Witte & Sons, Burlington, Iowa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PAINTS, OIL-PROOF

Are made with a varnish vehicle, and are generally used for decorating machinery. Alkyd resin enamels are particularly suited for this service because of their resistance to heat and lubricating oil. Oil-proof enamels are also used for the painting of transformers which are subjected to both interior and exterior exposures, along with frequent splashing of oil.

*Baer Bros, 438 W 37 St, N Y 18
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nukem Products Corp, 111 Colgate Ave, Buffalo 20, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Varnitон Co, 416 N Varney St, Burbank, Cal

PAINTS, RESIN EMULSION

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Baer Bros, 438 W 37 St, N Y 18
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Galvatex Coatings Corp, 93 N Arroyo Pkwy, Pasadena, Cal
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*Lloyd Labs, 23 Caller St, Peabody, Mass
*McDougal-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Snerwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*John H Witte & Sons, Burlington, Iowa

PAINTS, ROOFING

Protective coatings which possess special properties of resistance to extremes of weather and temp. for use on metal, concrete, brick, tile, wood, asbestos, and other types of roofing materials.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Ruberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

KELTEX and SUPERLOID

Stabilizers for Water-Thinned Paints.
Body and viscosity improved before and after thinning.

IMPROVED SLIP • RETAINS WET EDGE
CONTROLLED PENETRATION • NO SAG

KELTEX
DEFINED ALGIN PRODUCT

KELCO COMPANY

20 N. Wacker Drive, CHICAGO 6, ILL.
31 Nassau Street, NEW YORK 5, N. Y.
530 W. Sixth Street, LOS ANGELES 14, CAL.
Cable Address: KELCOALGIN—New York

*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Zoohar Mills, 103 26 St, Bklyn 32, N Y

PAINTS, FOR RUSTED METAL SURFACES

Elastic coatings applied directly on rusted surfaces (loose scale is first removed mechanically) which penetrate the pores of the rust, neutralizing the rust stimulants and rendering the surface passive.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Baer Bros, 438 W 37 St, N Y 18
*Carboline Co, 331 Thornton Ave, St Louis 19, Mo
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rubberoid Co, 500 5 Ave, N Y 36
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Varnitон Co, 416 N Varney St, Burbank, Cal

PAINTS, SMOKESTACK

Paints formulated with special oils and gums to impart great resistance to heat, durability, and elasticity.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Dampney Co, Hyde Park, Boston 36, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*John H Witte & Sons, Burlington, Iowa

PAINTS, STREET-MARKING

Specially prepared paints which dry to a tough film, resistant to abrasion and weather; used for marking streets, gas station driveways, loading platforms, etc.; should also have resistance to oil, water, alkali, and acids.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*John H Witte & Sons, Burlington, Iowa

PAINTS, STRUCTURAL

Coatings formulated with the two-fold purpose of protection against corrosion and appearance. Black finishing coats are generally formulated with red lead, black pigment, Prussian blue; others contain graphite. Where light colors are desired white-base pigments and various tinting colors are used. See also Primers, Paint, Metal.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Barrett Div, 40 Rector St, N Y 6
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Frelinghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PAINTS, STRUCTURAL, continued

*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Timeproof Paint Products, 40 Richards St, Bklyn 31, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*John H Witte & Sons, Burlington, Iowa

PAINTS, SYNTHETIC LATEX

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinuos Chem Corp, 103 Foster St, Peabody, Mass
*Debevoise Co, 74 20 St, Bklyn 32, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Gelvatex Coatings Corp, 93 N Arroyo Pkwy, Pasadena, Cal
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*Lloyd Labs, 23 Caller St, Peabody, Mass
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Monroe Sander Corp, 10-18 46 Ave, L I C 1, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*John H Witte & Sons, Burlington, Iowa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PAINTS, WATERPROOFING

Specially prepared paints, often containing gilsonite or some other form of asphalt, and providing surface protection against water, weather conditions, acids, alkalies. Usually recommended for use on bridges, fire escapes, tanks, etc.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dampney Co, Hyde Park, Boston 36, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Inertol Co, 480 Freilnghuysen Ave, Newark 5, N J
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Rust-Oleum Corp, 2425 Oakton St, Evanston, Ill
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sitka Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United Chromium, 100 E 42 St, N Y 17
*Varniton Co, 416 N Varney St, Burbank, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PALE CATECHU see Gambir

PALLADIUM

Pd. An element, silvery-white metal. At. Wt. 106.7. Sp. gr. 11.4 (22.5°C). M.P. 1555°C. Insol. water; sol. aqua regia and hot acids. Uses—catalytic agent; hydrogen absorbent; jewelry.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Varlacoid Chem Co, 116 Broad St, N Y 4

PALLADIUM BICHLORIDE see Palladium Chloride

PALLADIUM CHLORIDE (Palladous Chloride, Palladium Bichloride)

$PdCl_2.2H_2O$. Dark brown, deliq. powd. M.P. 501°C. Sol. water, hydrochloric acid. Uses—mfr. writing, printing and indelible inks, stearin, porcelains, electroplating photographic toning agents; mordant in dyeing and printing textiles; laboratory reagent; local germicide; analytical chemistry; detecting carbon monoxide gas; wood cleaning; metal scouring; removing iron and mold from textiles; in medicine. Grades—tech.
● Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp. 132 W 22 St, N Y 11
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Varlacoid Chem Co, 116 Broad St, N Y 4

PALLADOUS CHLORIDE see Palladium Chloride

PALM BUTTER see Oil, Palm

PALM GREASE see Oil, Palm

PALMITOYL CHLORIDE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Trubek Labs, State Hway #17, E Rutherford, N J

PANAMA BARK see Soap Bark

PARA RED see p-Nitraniline, Red

PARAFFIN, CHLORINATED

Light yellow to light amber; odorless. Percentage of chlorine varies. Uses—solvent for dichloramine, high pressure lubricant, flame-proofing of textiles, especially canvas and electrical insulation.
● Pkg—250, 525 lb. drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

PHENOL BROMIDE see Bromobenzene

PARAFORM see Paraformaldehyde

PARAFORMALDEHYDE (Paraform, Trioxymethylene, Triformol, Polymerized Formic Aldehyde)

$(CH_2O)_3$. M.W. 90.04. White, crystalline powd., oder formaldehyde. M.P. 162°C. Sol. water; insol. alcohol, ether. Uses—mfr. pharmaceutical preparations, artificial ivory and horn, aldehyde resins; waterproofing glues; as a germicide, fungicide, deodorant, fumigant. See also Formaldehyde. Grades—U.S.P. (95%) powdered.
● Pkg—Drums.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Cities Service Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
George J Wiesner Co, 150 Nassau St, N Y 38

HOOKER®
CHLORINATED PARAFFIN
HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

MONSANTO
NIRAN
(MONSANTO'S PARATHION)
Insecticide having high activity against a wide variety of insects and mites. May be applied as a spray, dust, dust suspension or aerosol. Highly toxic to man and higher animals. Very low plant toxicity.
Description: Dark brown liquid; assay 96.5%; Sp. Gr. 1.26-1.27 at 25°/25°C.
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
Niran: Reg. U. S. Pat. Off.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO CHEMICALS-PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

PARALDEHYDE—see also Aldol

$(CH_3CHO)_3$. M.W. 132.09. Colorless liq., pleasant odor. Sp. gr. 0.9943; M.P. 10.5°C. B.P. 124°C. Congeals at or below 11.0°C. Sol. water; miscible alcohol, ether, chloroform, volatile oils. Uses—mfr. dyestuffs, intermediates, organic chemicals; as disinfectant; in medicine. Grades—commercial; pharmaceutical.
● Pkg—Technical—7 lb. jugs, 35 lb. cans, 435 lb. drums.
● Pkg—U.S.P.—2 x 50 lb. cans/case, 875 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

PARATHION (O,O-Diethyl-o-p-Nitrophenyl Thiophosphate; Diethyl p-Nitrophenyl Thionophosphate)

$C_{10}H_{14}O_5PSN$. M.W. 291. Dark brown liquid. Miscible with aromatic and polar solvents; sl. sol kerosene, petroleum ether, other paraffinic solvents, water Uses—active ingredient in insecticides.
● Pkg—5 gal cans, 55 gal. drums.

*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg Atlanta, Ga
*J M Baird Co, 254 W 31 St, N Y 1
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd Kansas City 8, Mo
Tutuer Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

PARIS GREEN see Copper Acetoarsenite

PARIS YELLOW see Lead Chromate

PARROT GREEN see Copper Acetoarsenite

PASTES

*Adhesive Products, 520 E Shore Hway, Albany 6, Ca
*American Writing Ink Co, 15 Hathaway St, Boston 10 Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Joy Chem, 133 Webster St, Pawtucket, R I
Knefler-Bates Co, Box 474, Indianapolis, Ind
*Marks Chem Works, 20 W 22 St, N Y 10
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99 Wash
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36 Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

PASTES, LABEL

Adhesives for paper labels on tin, glass, wood, painted and enameled surfaces.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Ca
*Adhesive Products, 520 E Shore Hway, Albany 6, Ca
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown Tex
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Marks Chem Works, 20 W 22 St, N Y 10
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Nicholson & Co, 161 1 St, Cambridge 42, Mass
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Stiktotin Co, 20 W 22 St, N Y 10
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36 Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

PASTES, LIBRARY

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Joy Chem, 133 Webster St, Pawtucket, R I
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

PASTES, TEXTILE FINISHING

Pastes specially compounded usually of starches and gums for use on textile print machines to aid in giving a sharp regular line and clearcut detail. They also serve to give a good "cushion" between the blade and the roller.

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Calco Chem Div, Bound Brook, N J
*Catalin Corp of America, 1 Park Ave, N Y 16
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Joy Chem, 133 Webster St, Pawtucket, R I
Kem Products Co, 227-229 High St, Newark 2, N J
M Michel & Co, 90 Broad St, N Y 4
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Starch Products, 270 Madison Ave, N Y
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*United Paste & Glue Co, 40-42 Renwick St, N Y 13
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

PASTES, TIN LABELING

Specialized pastes which give particularly good bond between paper labels and tin containers, etc., should prevent rust spots; should hold securely under all conditions; should not affect ordinary colors, should not warp or wrinkle paper, should not become rancid in warm weather or climates.

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Joy Chem, 133 Webster St, Pawtucket, R I
*Marks Chem Works, 20 W 22 St, N Y 10
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Nicholson & Co, 161 1 St, Cambridge 42, Mass
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Scriptex Products Co, 513-21 S 2 St, Phila 47, Pa
*Stiktotin Co, 20 W 22 St, N Y 10
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Union Paste Co, 1605 Hyde Park Ave, Hyde Park 36, Mass
*United Paste & Glue Co, 40-42 Renwick St, N Y 13

PARATHION

DDT • BHC
2,4-D • 2, 4, 5-T
ALDRIN • SULPHURS
LINDANE • CHLORDANE
TOXAPHENE • COTTON DUST
ALLETHRIN • WEED KILLERS
PHENOTHIAZINE



The J. M. Baird Company
MANUFACTURERS • IMPORTERS • EXPORTERS
254 W. 31st St. • New York 1, N. Y.
Cable Address: JOMBAIRD, NEW YORK

STIKTOTIN
STIX TO TIN
REG. U.S. PAT. OFF.

YOU CAN AVOID METAL-LABELING TROUBLES
BY USING OUR
"STIKTOTIN" LABEL PASTE

For use on UNGUMMED labels, etc, to be FIRMLY attached to any kind of tins or other metals, whether plain or decorated.

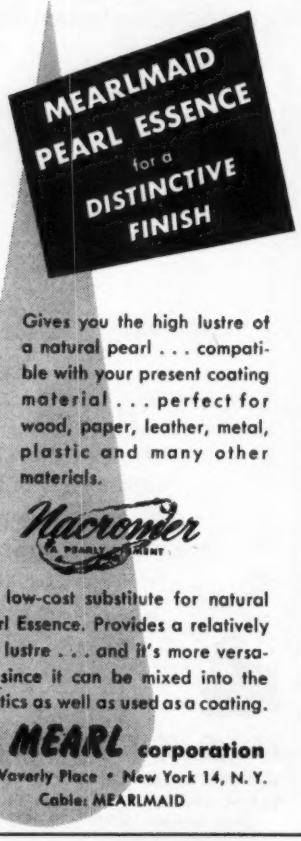
Or to any non-porous surface

FIRM ADHESION IN ANY TEMPERATURE
NEVER CRACKS, DRIES OR PEELS OFF

Yours for FIRM labeling

MARKS CHEMICAL WORKS
20 West 22nd Street
New York 10, N. Y.
ORegon 5-2790

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section



PATENT ALUM see Aluminum Sulfate

PATENT RED see Mercury Sulfide, Red

PATGREEN see Copper Acetoarsenite

PEARL ALUM see Aluminum Sulfate

PEARL ASH see Potassium Carbonate

PEARL ESSENCE

Product obtained from fish scales, e. g. of European minnow or herring, which is used on materials to obtain a highly lustrous coating; as, in imitation pearls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Dampney Co, Hyde Park, Boston 36, Mass
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Givaudan-Delawanna, 330 W 42 St, N Y 36
J & M La Place, Lellarts Lane, E Paterson, N J
*Mearl Corp, 153 Waverly Pl, N Y 14
*Pairpearl Products, 65 Nassau St, N Y 38
*Edward I Petow & Son, Hyannis, Mass
*Sindar Corp, 330 W 42 St, N Y 36
*Variacoid Chem Co, 116 Broad St, N Y 4

PEARL MOSS see Moss, Irish

PEARL WHITE see Bismuth Oxychloride

PEAT MOSS

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Industrial Sales Corp, 500 5 Ave N Y 36
H Newton Shaw, Derry, N H
*Premier Peat Moss Corp, 535 5 Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

PECTIN

Complex vegetable carbohydrate found in fruit juices. Being natural material, it is not uniform in strength. A #100 pectin would jellify 100 lbs. of sugar combined with water or juices, so as to give 65% sugar content in finished product having pH of 3.00. Standardizing is accomplished by checking finished pectin and diluting with sufficient quantity anhydrous corn sugar to give strength of above standard. For export purposes, to reduce freight and space, a #160 grade is frequently sold. Newer developments of pectin are not entirely dependent on jellying strength: for this reason it appears inadvisable to dilute with sugars, the pectin being sold in as pure state as possible, with statement of jellying strength, which might be #140, #160, #185 or possibly #200. Uses—in drug trade, quenching of steel, binder for tablets, as stabilizer, and generally where active protective colloid is desired, or where controlled viscosities are required.
● Pkg—100, 200 lb. bbls.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Roland Corp, 16 Hudson St, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Colyer Co, 10 W 47 St, N Y 36
Conray Products Co, 510 Ave of the Americas, N Y 11
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
George Uhe Co, 76 9 Ave, N Y 11
O J Weeks Co, 44 N Moore St, N Y 13

PEGU CATECHU see Cutch

3-5-7-3-4-PENTAHYDROXYFLAVONE-3-RUTINOSIDE see Rutin

PENETRANTS, CARBONIZING

*Airose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 1731 George St, Newark 5, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp 59 E Madison St, Chicago 3, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J

PENETRANTS, LEATHER

*Airose Chem Co, Box 1294, Providence 1, R I
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp 59 E Madison St, Chicago 3, Ill
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Lloyd Labs, 23 Caller St, Peabody, Mass
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Jacques Wolf & Co, Passaic, N J

PENETRANTS, TEXTILE

Wide variety of preps., including pine oil, cresols, organic solvents, etc., used to assist in obtaining a deeper and more thorough penetration of the dye, giving to the finished goods a more "leveled" appearance.

*Airose Chem Co, Box 1294, Providence 1, R I
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Falk & Falk & Co, 193 Palisade Ave, Garfield, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Kail Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Newport Industries, 230 Park Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J

PENICILLIN

Potent antibiotic obtained from the culture liquor of several species of the mold PENICILLIUM. Yellow powd. Sol. water. Low degree of toxicity, bacteriostatic, both in vivo and in vitro, against most Gram-positive, aerobic and anaerobic organisms.
● Pkg—Custom packed.

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bristol Labs, 630 5 Ave, N Y 20
Chemical Service Corp, 82 Beaver St, N Y 5
Clifford Chem Div, 170 Broadway, N Y 38
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
De Bear Inc, 636 11 Ave, N Y 36
Desmo Chem Corp, 607 5 Ave, N Y 17
Falick Products Co, 163 Broadway, N Y 6
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Legion Chem, 70 Wall St, N Y 5
*Merck & Co, Rahway, N J
Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stanalchem, Inc, 350 Madison Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
United States Industrial Chem Co Div, 120 Broadway, N Y 5
*White Cross Labs, 79 Wall St, N Y

PENTACHLOROETHANE

C_2HCl_3. Heavy, high-boiling liq. M.W. 202.3. Sp. gr. 1.685 (at 15°/4°C). Lbs. per gal. 14.1. B.P. 159.1°C. F.P. —22.0°C. Vap. Den. at 15°C. Lbs. per cu. ft. 0.535. Lat. Heat of Vap. B.t.u. per lb. 78.5. Sp. Heat of Liq. Cal./Kg./°C or B.t.u./lb./°F. 0.266 at 20°C. Uses—sol. properties similar to tetrachlorethane, in coal mining for separation of coal from impurities.
● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Sherwin-Williams Co, 100 Park Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PENTACHLOROPHENOL

C_6Cl_5OH. M.W. 266.36. White, crystalline solid. Sol. in alcohol and ether. Sp. gr. 1.978 at 22°C. M.P. 188-189°C. Uses—mfr. germicides, insecticides and fungicides; mfr. wood preservatives.
● Pkg—100 lb. drums, 275 lb. bbls.

Barclay Chem Co, 75 Varick St, N Y 13
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products, 163 Broadway, N Y 6
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
*E & F King & Co, 640 Pleasant St, Norwood, Mass
Lewis Chem Co, 232 Canal St, N Y 13
Livestock Chem Co, 3816 S Division Ave, Grand Rapids 8, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

PENTADECYL CARBINOL see **Alcohol, Cetyl**

PENTAERYTHRITOL

$C(CH_2OH)_4$. White amorph. powd. Sp. gr. 1.35 (20° C). M.P. 260°C. B.P. 280°C at 30 mm. Hg. Sol. water; sl. sol. methanol; insol. carbon tetrachloride, ether. Uses—resin, mfr. explosives. Grades—tech. M.P. 220°C. C.P. 240°C.
● Pkg—80 lb. bags, 250, 300 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
De Bear Inc, 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

PENTAERYTHRITOL TETRA NITRATE (PETN)

$C(CH_2NO_3)_4$. M.W. 316. White cryst. Uses—explosive.
● Pkg—300 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

PENTAGLYCERINE see **Trimethylolethane**

PENTAMETHYLENE AMINE see **Piperidine**

PENTAMETHYLENE DIBROMIDE (1,5-Dibromo-Pentane)

$CH_2Br(CH_2)_3CH_2Br$. M.W. 229.91. Colorless aromatic liq. M.P. —35°C. B.P. 224°C. Insol. water.
● Pkg—Bottles.

*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
Sapon Labs, 543 Union St, Bklyn 15, N Y

PENTAMETHYLENE TETRAZOLE

$C_6H_{10}N_4$. M.W. 138.11. White crystalline powd. Uses—in medicine as circulatory and respiratory stimulant.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Bilhuber-Knoll Corp, 377 Crane St, Orange, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Sterone Corp, 250 W 57 St, N Y 19

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For alkyd resins, rosin esters, and plasticizers.
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Packed in multi-wall bags 50 lbs.
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601 West 26th Street, New York 1, N. Y.

CHICAGO LOS ANGELES ST. PAUL MONTREAL
TORONTO HAVANA MEXICO CITY
LONDON PARIS

PENTANE (Amylhydride)

C_5H_{12}. M.W. 72.12. Colorless liq. Commercial grade has a boiling range 30-40°C. Sp. gr. 0.631. Normal grade has a boiling range of 35-37°C. and sp. gr. .361. Uses—largely research and experimental work; in refrigerators; as an anaesthetic; filling thermometers; organic synthesis, solvents.
● Pkg—Pint, quart, gal. bottles, 5, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
C P Chemical Solvents, 60 Park Place, Newark 2, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Oil Co, 50 W 50 St, N Y 20

PENTANEDIOL

$C_5H_{10}(OH)_2$. M.W. 104. Solid. M.P. 45°C. B.P. 199°C. Sol. water. Uses—plasticizer and dispersant for casein, zein, gelatin compositions.
● Pkg—Drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, du Pont Bldg, Wilmington 98, Del

PENTANEDIONE-2,4 (see also Acetylacetone)

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

PENTANETHIOL see Amyl Mercaptan

PENTANOL NORMAL BUTYL CARBINOL see Alcohol, n-Amyl

2-PENTANONE see Methyl Propyl Ketone

3-PENTANONE see Diethyl Ketone

PENTENE-1 (Propylethylene; n-n-Amylene)

$CH_3CH_2CH_2CH.CH_2$. M.W. 70.08. Colorless liq. M.P. —138°C. B.P. 40°C. Insol. water; sol. alcohol.
● Pkg—Pint, quart, 1 gal. bottles, 1, 5 gal. drums.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

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A. MASCHMEIJER JR., INC.
45 West 16th Street
New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

PENTENE-2 (Sym-Methylethylethylene, b-n-Amylene)

$CH_3CH_2CH:CHCH_3$. M.W. 70.08 Colorless, inflammable liq. M.P. —139°C. B.P. 36.4°C. Insol. water; sol. alcohol.

● Pkg—Quart, 1 gal. bottles, 5 gal. drums.

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Sharples Chem, 123 S Broad St, Phila 9, Pa

PENTYL ACETATE see Amyl Acetate

PEPSIN

● Pkg—Drums, 25, 50, 100 lb. cartons.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
Desmo Chem Corp, 607 5 Ave, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Merck & Co, Rahway, N J
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

PEPTONES

● Pkg—Bottles.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Merck & Co, Rahway, N J
*Roussel Corp, 155 E 44 St, N Y 17
*Sheffield Chem Co, P O Box 630, Norwich, N Y

PERBORAX see Sodium Perborate

PERBORIN see Sodium Perborate

PERCHLORATES

J T Baker Chem Co, Phillipsburg, N J
Croton Chem Corp, 114 Liberty St, N Y 6
*International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co 640 Pleasant St, Norwood, Mass
Mercer Chem Corp, 11 Mercer St, N Y 13
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

PERCHLORETHYLENE see Tetrachloroethylene

PERCHLORMETHANE see Carbon Tetrachloride

PERCHLOROETHANE see Hexachloroethane

PERCHLORPROPYLENE see Hexachloropropylene

PERFUME BASES

Semi-finished blends of aromatic chemicals and natural materials used by perfumers as a base for building up their own finished goods.

*American-British Chem Supplies, 180 Madison Ave N Y 16
*Aromatic Products, 15 E 30 St, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept Dyes & Chem Div, Wilmington 98, Del
*Evergreen Chem Co, 160 5 Ave, N Y 10
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Lautier Fils, 321 5 Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*P Robertet, 125 E 23 St, N Y 10
*Roure DuPont, 366 Madison Ave, N Y 17
*H C Ryland, 161 Water St, N Y 38
*Edwin Seebach Co, 912-920 Broadway, N Y
*Seeley & Co, 1 Main St, Nyack, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J



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The finest materials for every perfuming need.

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For complete list of company products: See Catalog Section

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Odor masks and perfumes individually designed for your particular product.

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ESSENTIAL OILS

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AROMATIC CHEMICALS

van Ameringen Haebler, inc.

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PERFUME BASES, continued

Tombarel Products Corp, 12 E 22 St, N Y 10
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERFUMES, DISINFECTANTS

Special aromatic chemicals and essential oils added to disinfectants to improve the odor. See also Deodorants (various).

*Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Evergreen Chem Co, 160 5 Ave, N Y 10
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*H C Ryland, 161 Water St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERFUMES, INSECTICIDE

Special aromatic chemicals and essential oils placed in household insecticides to disguise disagreeable odors and/or add a more pleasing smell. See also Perfumes, Fly-Spray; also Deodorants (various).

*Aromatic Products, 15 E 30 St, N Y
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Evergreen Chm Co, 160 5 Ave, N Y 10
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Lautier Fils, 321 5 Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*H C Ryland, 161 Water St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERFUMES, PAINTS

Preps. added to paints to disguise the odor of fresh paint and adding a distinct selling appeal to products so treated. See also Deodorants, Paints.

*Aromatic Products, 15 E 30 St, N Y
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Lautier Fils, 321 5 Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*H C Ryland, 161 Water St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sindar Corp, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

Tombarel

BASIC PERFUME MATERIALS
PERFUME COMPOUNDS
SPECIAL PERFUME CREATIONS
FOR ALL PURPOSES

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NEW YORK

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PERFUME SPECIALTIES
AROMATIC CHEMICALS
CUSTOM-MADE COMPOUNDS

Givaudan-Delawanna, Inc.
330 West 42nd Street • New York 36, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PERFUMES, RUBBER

Products incorporated in rubber goods designed for consumer use to eliminate the characteristic odor of new rubber and adding instead a pleasing smell that assists consumer appeal.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polarome Mfg Co, 73 Sullivan St, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sindar Corp, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERFUMES, SOAP

Perfumes used to mask the distinctive odor of fats, and also to give a pleasing smell. Every soap, even the cheapest type of laundry soap, is perfumed. Important factors in soap perfumes are: first, cost, and second, the evaporation of perfumes so that high boiling point essential oils or synthetic aromatics, especially in soaps where the perfume is added to the soap mass while it is still molten must be used. Where the perfume of essential oils would disappear on account of their low boiling point, the use of high boiling point synthetics retains the desired perfume odor. The perfumes must not discolor the soap.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Evergreen Chem Co, 160 5 Ave, N Y 10
*Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Gunning & Gunning, 601 W 26 St, N Y 1
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Lautier Fils, 321 5 Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polak's Frutal Works, Middletown, N Y
*Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*Roure DuPont, 366 Madison Ave, N Y 17
*H C Ryland, 161 Water St, N Y 38
*Edwin Seebach Co, 912-920 Broadway, N Y
*Seeley & Co, 1 Main St, Nyack, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tombarel Products Corp, 12 E 22 St, N Y 10
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERFUMES, TEXTILE

Products used to treat silk, wool, rayon, cotton, and other fabrics to impart a more pleasing smell and to increase consumer appeal through the olfactory sense.

*Aromatic Products, 15 E 30 St, N Y
*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fritzsche Bros, 76 9 Ave, N Y 11
*Gunning & Gunning, 601 W 26 St, N Y 1
*Lautier Fils, 321 5 Ave, N Y 16
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*A Maschmeijer, Jr, 45 W 16 St, N Y 11
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*S B Penick & Co, 50 Church St, N Y 7
*Perry Bros, 220 Flushing Ave, Bklyn 5, N Y
*Polarome Mfg Co, 73 Sullivan St, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sindar Corp, 330 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Torre Products Co, 52-54 Wooster St, N Y
*van Ameringen-Haebler, 521 W 57 St, N Y 19
*Van Dyk & Co, Main & William Sts, Belleville 9, N J
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PERHYDROL PEROXIDE see Hydrogen Peroxide

PERICLASITE see Magnesium Oxide

PERIODATES

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

PERMANENT WHITE see Blanc Fixe

PEROXIDES, ORGANIC

*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Lucidol Div, 1740 Military Rd, Buffalo 5, N Y
McKesson & Robbins 155 E 44 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J

PEROXYDOL see Sodium Perborate

PERSULFATE OF IRON see Ferric Sulfate

PETROLATUM (Petroleum Jelly, Mineral Fat, Petroleum Ointment, Cosmoline, Saxoline, Fossolin, Adeps Mineralis)

Light yellow to amber, semi-solid amorp. Sp. gr. 0.820 0.850. M.P. 45-48°C. Sol. chloroform, ether, benzine carbon disulfide, benzene, oils; very sl. sol. water alcohol. Uses—mfr. lubricating compositions, shoe and metal polishes, leather greases, soaps, rust preventative coatings, pharmaceutical salves and ointments, perfume preps., pomades, cosmetic creams; in printing trade modeling clay; in medicine. Grades—U.S.P.; snow white lily white; cream white; extra amber; light amber; dark amber; green; petrolatum liq.; natural; artificial. See Oil, Mineral.

● Pkg—14 oz., 5 lb. jars, 1, 2, 5 lb. tins, 385 lb drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
*Chesebrough Mfg Co, 17 State St, N Y 4
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Fallek Products, 163 Broadway, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
*Kendall Refining Co, Bradford, Pa
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
National Wax Co, 1300 W Division St, Chicago 22, Ill
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
Republic Chem Corp, 94 Beekman St, N Y 38
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

PETROLENE see Asphaltum

PETROLEUM ASPHALT see Asphaltum

PETROLEUM JELLY see Petrolatum

PETROLEUM NAPHTHA see Benzine

PETROLEUM OINTMENT see Petrolatum

PETROLEUM SULFONATES

● Pkg—35, 100, 200, 450 lb. drums.

*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Refining Co, B S & T Bldg, Butler Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Chem, 6 E 45 St, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Petroleum Sulphonates

New and large production of high-quality, tailor-made sulphonates for production of lube-oil additives, rust and corrosion inhibitors, cutting oils and soluble oils for textile and other usage. Also special flotation agents and fat-splitting catalysts.

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AMINOPHYLLINE U.S.P. THEOPHYLLINE U.S.P.

Phone: WA 4-9404 GANE & INGRAM, INC.

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PETROLEUM SULFONATES, continued

*Sun Oil Co 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
G A Wharry Co, 95 Broad St, N Y 4

PHENACETIN see Acetophenetidin

PHENACYL CHLORIDE see Chloroacetophenone

PHENANTHRENE (Phenanthrin, o-Diphenylene-Ethylene)

$(C_6H_4CH)_2$. Colorless small cryst. Sp. gr. 1.025. M.P. 99.6°C. B.P. 340°C. Sol. hot alcohol, ether, benzene, carbon disulfide, acetic acid; insol. water. Uses—mfr. dyestuffs, nitroglycerin explosive compositions, pharmaceuticals; stabilizer in nitrocellulose explosives; in medicine. Grades—tech.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

PHENANTHRIN see Phenanthrene

1,10-o-PHENANTHROLINE

$C_{12}H_8N_2 \cdot H_2O$. M.W. 198. White crystalline material. L. sol. alcohol, ether. Uses—oxidation-reduction indicator; colorimetric determination of iron.
● Pkg—Bottles.

*J T Baker Chem Co, Phillipsburg, N J
*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 6, Ohio

PHENAZONE see Antipyrine Salicylate

o-PHENETIDINE

$C_8H_{11}NO$. M.W. 137. Dark red liq. Dist. Range 230.5°C. to 233.5°C. Wt. per gal. 8½ lbs. approx. Uses—mfr. Phenetole Red and other dyes and dry colors; for mfr. of a red lake coupled with Beta-naphthol. Ship. Class.—dye intermediate.
● Pkg—475 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Sterone Corp, 250 W 57 St, N Y 19

p-PHENETIDINE

$C_8H_{11}ON$. M.W. 137.09. Colorless solid. Sp. gr. 1.0613 (15°C). M.P. 2.4°C. B.P. 254.2°C. Sol. water, alcohol, ether. Uses—mfr. dyestuffs, pharmaceuticals, dulcin, phenacetin, phenosal; in medicine. Grades—tech. (98%).
● Pkg—5, 10, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Republic Chem Corp, 94 Beekman St, N Y 38
Sterone Corp, 250 W 57 St, N Y 19
United Sterling Chem Corp, 350 5 Ave, N Y 1

PHENETOLE (Phenyl Ethyl Ether)

$C_6H_5OC_2H_5$. M.W. 122.16. Colorless liq. B.P. 172°C. Sp. gr. 0.967 at 20/4°C. Insol. water; sol. in alcohol and ether.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

PHENOBARBITAL (Phenylethylbarbituric Acid)

M.W. 232.11. M.P. 173-177°C. White, glistening, small crysts. or white, crystalline powd. Odorless. Stable in air. Sol. alcohol; sl. sol. water. Uses—medicinal.
● Pkg—1 lb. tins, 1, 5, 25, 50, 100 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Benzol Products Co, 237 South St, Newark 5, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

PHENOL (Hydroxybenzene, Acid, Phenic, Acid, Phenylic, Phenyl Hydrate, Phenylhydroxide, Phenylic Alcohol)—see also Acid, Carbolic, Crystals

C_6H_5OH. White cryst. Sp. gr. 1.072 (20°C). M.P. 42.5-43°C. B.P. 183°C. Sol. alcohol, ether, water, carbon disulfide, petroleum, fixed or volatile oils, chloroform, glycerine, alkalies. Uses—mfr. intermediates, organic chemicals, synth. drugs, dyes and perfumes, phenolates, phenates, salicylic acid, phenacetin, formaldehyde, diphenyloxide, para-aminophenol, hydroquinone, chloranil, picric acid, nitrated phenol explosives, salol, phenolphthalein, phenyl esters, mercury derivatives, aziline green, aurin, brilliant yellow, diazin black and numerous other dyes, germicidal compositions, antiseptic cleansing preparations, artificial tannins, synth. resins by condensation with formaldehyde, coumarine, anisaldehyde and other synth. perfumes, paints, varnishes, paint and varnish removers, phonograph records, synth. insulating materials, photographic developers, plastic compositions, synth. rubber, disinfectant soaps, detergents; as general preservative and disinfectant; developing agent in dyeing and printing textiles; preservative for glues and adhesives; camphor substitute in celluloid; removing ink from old newspapers; in medicine; in brewing. Grades—crude; C.P.; fused; cryst.; synth.; liq.
●Pkg—25, 45, 200 lb. tins, 25, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Trading Co, 233 Broadway, N Y 7
Browning Chem Corp, 150 Broadway, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
De Bear Inc, 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
Esor Chem Co, 205 E 42 St, N Y
Fallek Products Co, 163 Broadway, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Productol Co, 417 S Hill St, Los Angeles 13, Cal
*Reichhold Chem, 630 5 Ave, N Y 20
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

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Bisphenol A
p-tert-Butylphenol
p-Chlorophenol
o-Chlorophenol
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40 RECTOR STREET, NEW YORK 6, N. Y.
*Reg. U. S. Pat. Off.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

PHENOL, continued

Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
United Sterling Chem Corp, 350 5 Ave, N Y 1
*White Cross Labs, 79 Wall St, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

PHENOL BROMIDE see Bromobenzene

PHENOLAX see Phenolphthalein

1.2 PHENOLMETHYLOL see Saligenin

PHENOLPHTHALEIN (Dioxytriphenylphthalide, p-Phthalein, Dihydroxyphthalophenone, Dioxytriphenylcarbinol, Carboxylic Acid Anhydride, Phenolax)

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THE FULL LINE FINE CHEMICAL HOUSE
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PHENOLPHTHALEIN
PHENOTHIAZINE
POTASSIUM GUAIACOL
SULFONATE
RESORCIN
SACCHARIN
SALICYLAMIDE
SALICYLATES
SODIUM BENZOATE
STRYCHNINE AND SALTS
SULFACETAMIDE AND SALTS
SULFANILAMIDE
SULFATHIAZOLE
SULFAPYRIDINE – SALTS
TERPIN HYDRATE
THEOBROMINE AND SALTS
THEOPHYLLINE
★ ★ ★ ★ ★ ★ ★
THE NEW YORK
QUININE & CHEMICAL WORKS
INC.
GENERAL OFFICES
50 Church Street, New York 8, N.Y.
729 West Division Street, Chicago 10, Ill.
★

$C_{20}H_{14}O_4$. White or yellowish-white odorless powd. Sp. gr. 1.2765 (32°C). M.P. 260-261°C. Sol. alcohol, ether, alkalies. Uses—mfr. dyestuffs; laboratory reagent; in medicine. Grades—U.S.P.; pure reagent; tech.
● Pkg—25 lb. boxes, 25, 50, 100, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Clifford Chem Div, 170 Broadway, N Y 38
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

PHENOL RED (Phenol-Sulfonphthalein)

$C_{19}H_{14}O_5S$. M.W. 354.4. Red crystalline powd. Uses—pH indicator - pH range 6.8 (yellow) to 8.4 (red).
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*Merck & Co, Rahway, N J
*National Aniline Div, 40 Rector St, N Y 6

PHENOL-SULFONPHTHALEIN see Phenol Red

PHENOLTRINITRATE see Acid, Picric

PHENOLS, HIGH BOILING

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

PHENOQUIN see Cinchophen

PHENOTHIAZINE (Thiodiphenylamine)

$C_{12}H_9NS$. M.W. 199.26. Yellow leaflets, or cryst. M.P. 180°C. Sublimes at 371°C. Insol. in water; sol. in benzene; sl. sol. in alcohol and ether.
● Pkg—150 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Livestock Chem Co, 3816 S Division Ave, Grand Rapids 8, Mich
McKesson & Robbins, 155 E 44 St, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
*Neville Co, Neville Island, Pittsburgh 25, Pa
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Southside Chem Co, 2031 Woodland Rd, Petersburg, Va
William M Stieh & Co, 20 Vesey St, N Y 7
George Uhe Co, 76 9 Ave, N Y 11

PHENYL ACETALDEHYDE

C_8H_8O. M.W. 120.1. A colorless liq. B.P. 205° C. Sl. sol. water; sol. alcohol or ether. Uses—in perfumery for its hyacinth-like odor.
● Pkg—Custom packed.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PHENYL ACETALDEHYDE DIMETHYL ACETAL

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PHENYL ACETAMIDE (a-Toluamide)

$C_6H_5\text{-}CH_2\text{-}CONH_2$. M.W. 135.16. White crystalline powd. M.P. 158.5°C. Sl. sol. water; very sol. alcohol. Uses—precurser for penicillin.
● Pkg—50, 100, 125, 150 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Barclay Chem Co, 75 Varick St, N Y 13
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Le Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Toelle Labs, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J

PHENYL ACETATE (Acetylphenol)

$CH_3COOC_6H_5$. M.W. 136. Clear, colorless liq. with a rather pleasant odor. Sp. gr. 1.08 at 15/15°C. Wt. per gal., 9.0 lbs. at 15°C. B.P. 196°C. Miscible with most organic solvents; practically insol. in water. Uses—as a solvent; in organic syntheses.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11

PHENYL ACETONE

● Pkg—450 lb. drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Trubek Labs, State Hway #17, E Rutherford, N J

PHENYL ACETONITRILE see Benzyl Cyanide

PHENYL ACETYLENE

C_6H_5CCH. M.W. 102.1. Water-white liq. Uses—mfr. pharmaceuticals, perfume bases, plastics and gen. orgn. synth. L. B.P. 142-3°C. Insol. water; sol. alcohol, ether.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio

PHENYL ALANINE

$C_6H_5CH_2CH(NH_2)COOH$. M.W. 165.2. Natural isomer; colorless leaflets. Uses—biochemical investigations, microbiological tests.
● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
Industrial Sales Corp, 500 5 Ave N Y 36
*Lack Chem Co, 19 Park Pl, N Y 7
*Merck & Co, Rahway, N J
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, Special Chem Div, 1450 Broadway, N Y 18

PHENYLAMINE see Aniline

PHENYLANILINE see Diphenyl Amine

PHENYL BENZENE see Diphenyl

MONSANTO
PHENOLPHTHALEIN, U.S.P.
Supplied as a white powder; m.p. 259.0° C. min.; solubiiity in alcohol (1:15), complete; acidity (cc's N/1000 NaOH/2 gm. sample), 3.0 cc. max.; ash 0.05% max.; arsenic 0.001% max.; conforms to U.S.P. test for fluorane and heavy metals; trace max. retained on 100 mesh; 15.0% max. on 325 mesh.
MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO
CHEMICALS – PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PHENYL CARBINOL see Alcohol, Benzyl

PHENYLCHLOROFORM see Benzotrichloride

PHENYL CYANIDE see Benzonitrile

PHENYL DIETHANOLAMINE

$C_6H_5N(CH_2CH_2CH_2OH)_2$. M.W. 181.22. White solid, melting at 53-56°C. Very sl. sol. in water. Uses—intermediate in mfr. azo dyestuffs and other industrial organic chemicals.

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Eastman Chem Products, Kingsport, Tenn

1-PHENYLETHANOL see Methyl Phenyl Carbinol

2-PHENYLETHANOL see Alcohol, Phenyl Ethyl

PHENYL ETHANOLAMINE

$C_6H_5NH(CH_2CH_2OH)$. M.W. 137.18. liq., of B.R. 280-290°C. Sl. sol. in water. Sp. gr. 1.094-1.099 at 20/20°C. Wt. per gal., 9.1 lbs. at 20°C. Uses—intermediate in mfr. azo dyestuffs and other industrial organic chemicals.

● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

PHENYL ETHYL ACETATE

$C_6H_5CH_2COOC_2H_5$. M.W. 164.20. Colorless liq. peach odor. Sp. gr. 1.081. B.P. 226°C. Sol. alcohol, ether; insol. water. Uses—perfumery. Shipping regulations—none.

● Pkg—1 gal. bottles, 5, 10, 55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*van Ameringen-Haebler, 521 W 57 St, N Y 19

PHENYL ETHYLAMINE

$C_8H_{11}N$. M.W. 121.1. A secondary amine, formed from amino acids.

J M Baird Co, 254 W 31 St, N Y 1
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Toelle Labs, R D 1, Box 75, Newton, N J
*Trubek Labs, State Hway #17, E Rutherford, N J

PHENYL ETHYL FORMATE

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
Polak & Schwarz, 667 Washington St, N Y 14
*van Ameringen-Haebler, 521 W 57 St, N Y 19

PHENYL ETHYL KETONE (Propiophenone)

$C_6H_5COC_2H_5$. M.W. 134.54. Clear liq.; strong pleasant odor. Uses—mfr. of pharmaceuticals and dyestuffs; as a perfume fixative.

● Pkg—450 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PHENYL ETHYL PROPIONATE

● Pkg—Custom packed.

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*van Ameringen-Haebler, 521 W 57 St, N Y 19

PHENYL ETHYLENE GLYCOL

Polak & Schwarz, 667 Washington St, N Y 14

PHENYL FLUOROFORM see Benzotrifluoride

PHENYL GLYCINE, POTASSIUM SALT (Potassium Aminoacetate)

$C_6H_5NHCH_2COOK$. M.W. 189.2. Grayish-white, odorless powd. M.P. 300°C. Sol. in water; sl. sol. in alcohol; insol. in carbon tetrachloride. Uses—intermediate in organic synthesis; mfr. of pharmaceuticals.

● Pkg—200 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

PHENYL HYDRATE see Phenol

PHENYLHYDRAZINE (Hydrazobenzene)

$C_6H_5.NH.NH_2$. M.W. 108.08. Yellowish to reddish-brown liq. Sp. gr. 1.091 (15°C). M.P. 19.6°C. B.P. 243.5°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. dyestuffs, intermediates, pharmaceutical chemicals; reducing agent; metallizing mirrors; laboratory reagent. Grades—commercial; C.P.; reagent.

● Pkg—7.5, 30, 55, 110 gal. drums.

J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59

PHENYLHYDRAZINE HYDROCHLORIDE

$C_6H_8N_2.HCl$. Colorless, crystalline scales. M.P. 243° C. Sublimes on heating. Sol. water, alcohol, ether. Uses—mfr. dyestuffs, intermediates, organic chemicals, pharmaceuticals; in sugar analysis. Dangerous to skin. Grades—tech.; C.P.

● Pkg—Custom packed.

J T Baker Chem Co, Phillipsburg, N J
*Bell Chem Co, 25 W 44 St, N Y 36
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59

PHENYL HYDRIDE see Benzol

PHENYLHYDROXIDE see Phenol

PHENYL MAGNESIUM BROMIDE

*Arapahoe Chem, 2800 Pearl St, Boulder, Col

PHENYL MERCURIC ACETATE

$C_6H_5HgOCOCH_3$. M.W. 336.67. White powd. Sol. water. Uses—powerful germicide, fungicide.

● Pkg—1, 5, 10 lb. bottles.

*Antara Chem Div, 435 Hudson St, N Y 14
*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
William M Stieh & Co, 20 Vesey St, N Y 7

PHENYL MERCURIC BENZOATE

$C_6H_5HgOCOC_6H_5$. M.W. 398.82. White powd. Uses—powerful germicide, fungicide.

● Pkg—Custom packed.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURIC o-BENZOIC SULFIMIDE

● Pkg—50, 100 lb. drums.

*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURIC BORATE

$C_6H_5HgBO_3H_2$. White cryst. Uses—as an intermediate in the mfr. of bactericides.

● Pkg—Custom packed.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURIC CHLORIDE

C_6H_5HgCl. White satiny crystals. M.W. 313.17. M.P. 252° C. Intermediate in the mfr. of bactericides.

● Pkg—1, 5, 10 lb. bottles.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
William M Stieh & Co, 20 Vesey St, N Y 7

PHENYL MERCURIC GLUCONATE

$C_6H_5HgOCO(CHOH)_4CH_2OH$. M.W. 472.78. White powd. Uses—germicide, fungicide.

*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURIC HYDROXIDE

C_6H_5HgOH. M.W. 294.72. White powd. Sol. water. Uses—powerful germicide, fungicide.

● Pkg—50, 100 lb. drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
*F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
William M Stieh & Co, 20 Vesey St, N Y 7

PHENYL MERCURIC NAPHTHENATE

● Pkg—1, 5, 10 lb. bottles.

*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

PHENYL MERCURIC PICRATE

$C_6H_5HgOC_6H_2(NO_2)_3$. White cryst. Uses—in the mfr of bactericides.

*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURIC STEARATE

*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYL MERCURY NITRATE

$C_6H_5HgNO_3$. M.P. approx. 180°C. Uses—as a bactericide and fungicide. Apparently non-toxic to animals or animal tissue.

*F W Berk & Co, Park Pl E, Woodridge, N J
F W Berk & Co, Coast Chem Div, 55 New Montgomery St, San Francisco 5, Cal
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
William M Stieh & Co, 20 Vesey St, N Y 7

METALSALTS CORPORATION

MERCURY and
MERCURY COMPOUNDS

METALSALTS CORP.

200 Wagaraw Rd. Hawthorne, N. J.

HAthorne 7-6000 PEnn 6-2626

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Quality Fine Chemicals

O-Phenylenediamine
(Photographic and Technical)
A photographic developer and pharmaceutical intermediate; proposed as intermediate for dyestuff and other syntheses.

Phloroglucinol
(C.P., Technical and Commercial)
Developer for diazotype reproduction papers and acetate black dyes; laboratory reagent; proposed as pharmaceutical and dyestuff intermediate, resin additive, antioxidant.
The Ringwood Chemical Corporation manufactures organic chemicals of high purity and formulates chemical specialties.
Take advantage of Ringwood facilities for the confidential manufacture of intermediates and specialties for the chemical processing industries.

RINGWOOD
CHEMICAL CORPORATION
Makers of Edwal Quality Chemicals
RINGWOOD, ILLINOIS

PHENYL MERCURY PHTHALATE
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J

PHENYLMETHANE see Toluol

PHENYLMETHYLKETONE see Acetophenone

PHENYL METHYL PYRAZOLONE (1-Phenyl-3-Methyl-5-Pyrazolone)
$C_{10}H_{10}N_2O$. M.W. 174.1. White powd. Sol. alcohol, alkali, acids; insol. water. M.P. 127.0 to 128.0°C. Uses—as a dye intermediate; mfr. pharmaceuticals.
● Pkg—100, 200, 250 lb. drums, 175, 250 lb. bbls.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Sterone Corp, 250 W 57 St, N Y 19
*Winthrop-Stearns, 1450 Broadway, N Y 18

2-PHENYL-6-METHYL-QUINOLINE-4-CARBOXYLIC ACID ETHYL ESTER see Neocinchophen

PHENYL MORPHOLINE
$C_6H_5NCH_2CH_2OCH_2CH_2$. M.W. 163.11. M.P. 57°C. B.P. 267°C. White, crystalline solid. Uses—in mfr. of dyestuffs, pharmaceuticals, germicides, corrosion inhibitors, emulsifying agents, synth. resin chemicals, and rubber.
● Pkg—1 gal. cans, 5, 55 gal. drums.
J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

o-PHENYLPHENOL
o—$C_6H_5.C_6H_4OH$. M.W. 170.1. White or light buff to pink, free-flowing flakes with a mild characteristic odor. B.P. 284°C. Sol. in sodium hydroxide solutions and most organic solvents; insol. water. Uses—as a germicide, fungicide; in the rubber industry.
● Pkg—100 lb. drums, 200 lb. bbls.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

p-PHENYLPHENOL
p—$C_6H_5.C_6H_4OH$. M.W. 170. White solid. M.P. 165°C. B.P. 308°C. Sol. in sodium hydroxide solutions; most organic solvents; insol. water. Uses—as an intermediate in the mfr. of resins; in the rubber industry.
● Pkg—100 lb. drums.
Bergstrom Trading Co, 233 Broadway, N Y 7
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

2-PHENYLQUINOLINE-4 see Cinchophen

PHENYL SALICYLATE see Salol

PHENYL SEMICARBAZIDE
$C_7H_9ON_3$. M.W. 151.1. White scales. M.P. 172°C. Sl. sol. water; sol. alcohol or ether. Uses—in organic synthesis.
● Pkg—Custom packed.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

PHENYLTRICHLOROSILANE
● Pkg—½, 1, 10 lb. bottles, 100 lb. drums.
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

m-PHENYLENE DIAMINE
$C_6H_4(NH_2)_2$. Colorless needles. Sp. gr. 1.1389. M.P. 63°C. B.P. 287°C. Sol. alcohol, ether, water. Uses—mfr. azo and sulfur dyes, alkali blue; as laboratory reagent; developing agent in printing and dyeing textiles. Grades—tech. 94%.
● Pkg—250 lb. bbls.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6

o-PHENYLENE DIAMINE
$NH_2.C_6H_4.NH_2$. Cryst. M.W. 108.14. M.P. 62.8°C. Very sol. in water and alcohol. Sol. in ether. Uses—inhibitors, mfr. of heterocyclics.
● Pkg—1, 5 lb. bottles, 25, 50, 100 lb. drums.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hilton-Davis Chem Co Div, Sterling Drug Inc, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

p-PHENYLENE DIAMINE
$(C_6H_4)(NH_2)_2$. Colorless, solid crystalline. M.P. 140°C. B.P. 267°C. Sol. alcohol, ether, water. Uses—mfr. azo dyes, aniline black; dyeing hair and furs; dyeing and printing black and brown shades on textiles; rubber vulcanization accelerator; in chemical analysis. Grades—tech.
● Pkg—100, 225, 300, 375, 400 lb. bbls., drums.
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PHLOROGLUCINE see Phloroglucinol

PHLOROGLUCINOL (Trioxyphenol: Phloroglucine, Benzenetriol Dihydroxyphenol)
$C_6H_3(OH)_3.2H_2O$. White to yellowish cryst. M.P. 217-219°C. if rapidly heated; 200° to 209°C. if slowly heated. Sol. in alcohol and ether; sl. sol. in water. Uses—analytical chemistry (reagent for pentoses and with vanillin for determining presence of free hydrochloric acid); in medicine; decalcifying agent for bones. Grades—tech.
● Pkg—Bottles, 25, 50, 100 lb. drums.
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Fallek Products Co, 163 Broadway, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*National Aniline Div, 40 Rector St, N Y 6
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
Sterone Corp, 250 W 57 St, N Y 19

PHENYL METHYL PYRAZOLONE
PHENYL CARBOXY PYRAZOLONE
and
PHENYL CARBETHOXY PYRAZOLONE
INTERMEDIATES FOR SYNTHESIS OF DYES AND DRUGS
SPECIAL CHEMICALS DIVISION
Winthrop-Stearns INC.
1450 BROADWAY, NEW YORK 18, N. Y.

MONSANTO
PHOSPHORUS
Monsanto process of manufacture assures elemental phosphorus of over 99.9% purity. From this are produced these high-quality Monsanto products: Phosphoric Acid (orthophosphoric acid) • Alkyl Acid and Alkyl Alkali Phosphates • Sodium Phosphates • Ammonium Phosphates • Calcium Phosphates • Potassium Phosphates.
MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Missouri
SERVING INDUSTRY . . . WHICH SERVES MANKIND
MONSANTO
CHEMICALS—PLASTICS

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

PHOSGENE (Carbonyl Chloride, Chloroformyl Chloride)

$COCl_2$. M.W. 98.2. Colorless, volatile liq. Extremely poisonous. Sp. gr. 1.392. M.P. —75°C. B.P. 8.3° C. Container—steel cylinders. Uses—chlorinating agent, dye mfr., lethal gas for warfare, bleaching,, glass mfr. ● Pkg—150 lb. cylinders.

Adams-Henry Chem Co, 32 Broadway, N Y 4
Elberta Chem Co, Ransomville, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

PHOSPHATE EDIBLE BONE

*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
T M Duché & Sons, 117 Hudson St, N Y 13
Charles Page & Co, 50 E 42 St, N Y 17
*United Chem & Organic Products Div, 4100 S Ashland Ave, Chicago 9, Ill

PHOSPHATE ROCK

Natural Rock; a complex compound containing variable quantities of calcium phosphate. Uses—mfr. superphosphate, phosphate salts, posphoric acid; fertilizer. Grades—as to percentage of actual calcium phosphate (68-77%); pebble; rock; ground. ● Pkg—Bags, bulk.

*American Agricultural Chem Co, 50 Church St, N Y 7
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
International Commodities Corp, 11 Mercer St, N Y 13
*International Minerals & Chem Corp, Phosphate Div, 20 N Wacker Dr, Chicago 6, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Swift & Co, Plant Food Dept, Union Stocks Yards, Chicago 9, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

PHOSPHORIC CHLORIDE see Phosphorus Pentachloride

PHOSPHORIC SULFIDE see Phosphorus Pentasulfide

PHOSPHORUS

P. a. Light yellow solid crystalline, disagreeable odor. b. Reddish-brown, amorp. powd., odorless. Sp. gr. a. 1.83. b. 2.296. M.P. a. 44.4°C. b. 725°C. B.P. a. 287°C. b. 350°C. a. Sol. carbon disulfide, benzene, chloroform, oils; sl. sol. water, alcohol, ether. b. Sol. absolute alcohol. Uses—mfr. organic chemicals, intermediates, rodent poisons, matches, phosphorus pentachloride; reagent in making phosphides; alloying copper; in medicine. Grades—white or yellow and red amorp. tech.; U.S.P.; sticks.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
J T Baker Chem Co, Phillipsburg, N J
Clifford Chem Div, 170 Broadway, N Y 38
Duff Chem Co, 342 Madison Ave, N Y 17
Enco Chem Corp, 441 Lexington Ave, N Y 17
International Selling Corp, 122 E 42 St, N Y 17
Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Riches-Nelson, 342 Madison Ave, N Y 17
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17

PHOSPHORUS CHLORIDE see Phosphorus Trichloride

PHOSPHORUS COMPOUNDS, ORGANIC

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

SHEA
99.9*%
PHOSPHORUS
AND
DERIVATIVES
Organic - Inorganic
PLANTS
Adams, Mass., Columbia, Tenn.
Main Office
Shea Chemical Corporation
1201 St. Paul St.
Baltimore 2, Md.
Special consideration given to construction of facilities for the manufacture of phosphorus intermediates at the sites of new large-scale users. Experienced engineering, construction, and technical assistance are available.

VC CHEMICALS
Elemental Phosphorus
(WHITE OR YELLOW)
Available for shipment in tank cars or in steel drums for shipment by rail or water
Virginia-Carolina Chemical Corporation
Chemicals Division • Richmond 8, Va.

VC CHEMICALS
Organic Phosphorus Compounds
Alkyl Phosphites and other organic compounds of phosphorus.
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WRITE DEPARTMENT B
Virginia-Carolina Chemical Corporation
Chemicals Division • Richmond 8, Va.

PHOSPHORUS
PHOSPHORIC ANHYDRIDE
PHOSPHORUS OXYCHLORIDE
PHOSPHORUS TRICHLORIDE
●
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago 4, Ill.
Phone: HArrison 7-3541
VICTOR
Dependable Name in Chemicals for 56 Years

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MONSANTO
PHOSPHORUS OXYCHLORIDE
(ALSO KNOWN AS PHOSPHORYL CHLORIDE)

Specifications: Water-white to yellow liquid; crystallizing point 0.8° C. min.; assay 99.0% min. Distillation range: first drop, 106.0° C. min.; 95% (196 ml.), 1.5° C. max.; dry point, 108.5° C. max. PCl_3, 0.20% max.; iron, 0.0005% max.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO CHEMICALS – PLASTICS

PHOSPHORUS OXYCHLORIDE (Phosphoryl Chloride)

$POCl_3$. Clear colorless fuming liq., with pungent odor. Sp. gr. 1.686 (15°C.). M.P. 1.25°C. B.P. 110°C. Solidifies —10°C. Decomp. by water and alcohol. Uses—chlorinating agent and catalyst in making organic chemicals, intermediates, dyestuffs, etc. Grades—tech.
● Pkg—40 lb. carboys, 15, 55 gal. bbls., drums.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 756 Ridge Rd W, Rochester, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Ohio-Apex Inc Div, Nitro, W Va
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Joseph Turner & Co, Ridgefield, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

PHOSPHORUS PENTACHLORIDE (Phosphoric Chloride)

PCl_5. Fuming white cryst., decomp. in air, irritating odor. Sp. gr. 3.60. M.P. 148°C. (under pressure). B.P. 160-165°C. Sol. carbon disulfide. Decomp. by water. Uses—chlorinating agent in making intermediates and organic chemicals; laboratory reagent; chemical catalyst. Grades—tech.
● Pkg—25 x 1 lb. bottles/case, 500 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38

PHOSPHORUS PENTASULFIDE (Phosphoric Sulfide, Thiophosphoric Anhydride, Phosphorus Persulfide)

P_2S_5. Light yellow crystalline masses. Sp. gr. 2.03. M.P. 274°C. B.P. 518-520°C. Sol. alkalies, carbon disulfide. Decomp. by water. Uses—in organic synthesis. Grades—tech.
● Pkg—100, 140, 200 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

PHOSPHORUS PENTOXIDE (Phosphoric Acid Anhydrous)

P_2O_5. M.W. 142.04. White, amorp., very deliq. powd. Sp. gr. 2.387. M.P. 800°C. Sublimes at red heat. Sol. water, conc. sulfuric acid. Uses—mfr. phosphoric acids; dehydrating agent in making intermediates, dyestuffs, etc., refining sugar, and in chemical processes; laboratory reagent; in medicine. Grades—tech.
● Pkg—6 x 10 lb. cans/case, 60, 360, 400 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

PHOSPHORUS PERSULFIDE see Phosphorus Pentasulfide

PHOSPHORUS, RED AMORPHOUS

● Pkg—10 x 11 lb. cans/case, 100 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
Conray Products Co, 510 Ave of the Americas, N Y 11
Duff Chem Co, 342 Madison Ave, N Y 17
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Phosphorus Co, P O Box 37, Cincinnati 15, Ohio
Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Joseph Turner & Co, Ridgefield, N J

PHOSPHORUS SESQUISULFIDE (Tetraphosphorus Trisulfide)

P_4S_3. Yellow, crystalline inflammable mass. Sp. gr. 2.00 M.P. 172°C. B.P. 407.8°C. Sol. carbon disulfide Uses—mfr. organic compounds, matches. See Phosphorus Grades—tech.
● Pkg—100 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
Hummel Chem Co, 90 West St, N Y 6
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38

PHOSPHORUS TRIBROMIDE

PBr_3. Fuming, colorless liq. Penetrating odor. Sp. gr. 2.925 at 0°C. B.P. 175°C. M.P. 40°C. Uses—analytical (test for sugar and oxygen). Shipping regulations, white label.
● Pkg—5 x 20 lb., 5 x 1 gal. bottles/case.

City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Michigan Chem Corp, 500 N Bankson St, St Louis, Mich
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Charles Page & Co, 50 E 42 St, N Y 17

PHOSPHORUS TRICHLORIDE (Phosphorus Chloride)

PCl_3. M.W. 137.39. Clear colorless, fuming liq. Sp gr. 1.616 (0°C.). M.P. —111.8°C. B.P. 73.5°C. Miscible ether, benzene, carbon disulfide, carbon tetrachloride. Decomposed by water or moist air. Uses—mfr. phosphorus pentachloride, phosphorus oxychloride, saccharin; for producing irridescent metallic deposits; chlorinating agent in making intermediates, organic chemicals, synth. dyes, drugs, perfumes. Grades—tech.
● Pkg—40 lb. carboys, 15, 55 gal. drums, bbls.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Ohio-Apex Inc Div, Nitro, W Va
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Philipp Bros Chem, 37 Wall St, N Y 5
Joseph Turner & Co, Ridgefield, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

OLDBURY
ELECTRO-CHEMICAL COMPANY

PHOSPHORUS OXYCHLORIDE
PHOSPHORUS PENTACHLORIDE
PHOSPHORIC ANHYDRIDE
PHOSPHORUS PENTASULFIDE
PHOSPHORUS TRICHLORIDE
PHOSPHORUS SESQUISULFIDE
PHOSPHORIC ACID 85% NF IX
PHOSPHORUS (Yellow or White)

ALKYL ACID PHOSPHATES
(ALKYL PHOSPHORIC ACIDS)

●

HYPOPHOSPHITES
ZINC PHOSPHIDE
PHOSPHOROUS ACID
OXALIC ACID
POTASSIUM PERCHLORATE
SODIUM CHLORATE
POTASSIUM CHLORATE

PLANT AND MAIN OFFICE
Niagara Falls, N. Y.

NEW YORK OFFICE 19 Rector St. New York 6, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PHOSPHORYL CHLORIDE see Phosphorus Oxychloride

PHTHALANDIONE see Phthalic Anhydride

p-PHTHALEIN see Phenolphthalein

PHTHALIC ANHYDRIDE (Phthalandione)

$C_8H_4O_3$. M.W. 148.03. White, translucent, crystalline needles, characteristic odor. Sp. gr. 1.527. M.P. 130.8° C. B.P. 284.5°C. Sol. alcohol; sl. sol. ether, hot water. Uses—mfr. various dyestuffs, intermediates, phenolphthalein, indigo, phthaleins, fluorescent and anthraquinone dyestuffs, diethylphthalate, methylanthraquinone, anthranol, anthranilic acid, phloxines, erythosins, rhodamines, violomines, perfume esters, phthalated pharmaceuticals; synth. perfume base. Grades—tech.; pure (99.9%).
● Pkg—80 lb. bags, 275 lb. bbls., 200, 300 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Bergstrom Trading Co, 233 Broadway, N Y 7
Browning Chem Corp, 150 Broadway, N Y
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
Cole Labs, 42-25 9 St, L I C 1, N Y
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
De Bear Inc, 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Failek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*M W Hardy & Co, 141 Broadway, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Plastichemicals Co, 1 Beekman St, N Y 38
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Ben P Steele Co, 342 Madison Ave, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J

PHTHALIMIDE

$C_6H_4:(CO)_2:NH$. M.W. 147.05. White, plate cryst., over 98% pure. M.P. 238°C. Uses—mfr. anthranilic acid, certain colors.
● Pkg—350 lb. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
*Carwin Co, Stiles Lane, N Haven, Conn
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Lack Chem Co, 19 Park Pl, N Y 7
*Maumee Development Co, 2 Oak St, Toledo 5, Ohio
*National Aniline Div, 40 Rector St, N Y 6
Riches-Nelson, 342 Madison Ave, N Y 17
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

PHTHALYL CHLORIDE (o-Phthalyl Dichloride, 1,2-Benzene Dicarbonyl Chloride)

$C_6H_4(COCl)_2$. M.W. 203.03. Colorless oily liquid. —mfr. of plasticizers and resins; in organic syntheses.
● Pkg—500 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

o-PHTHALYL DICHLORIDE see Phthalyl Chloride

PHYTOSTEROL (Phytosterin)

$C_{26}H_{44}O.H_2O$. M.W. 390.37. An isomer of cholesterol. M.P. 135°C. in all vegetable fats (0.5-1%). Its presence distinguishes vegetable from animal fats which contain cholesterol.

*Bios Labs, 17 W 60 St, N Y 23
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill

PICKLE ALUM see Aluminum Sulfate

PICKLING AGENTS

*American Chem Paint Co, Ambler, Pa
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*International Selling Corp, 122 E 42 St, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*London Chem Co, 325 W 32 St, Chicago 16, Ill
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

a-PICOLINE

a—$CH_3C_5H_4N$. M.W. 93. B.P. 129°C. Sol. in water. Light-colored liq., odor resembling pyridine. Uses—in dyestuff synthesis, special solvent, resinous condensation products.
● Pkg—5, 55 gal drums.

*Ansul Chem Co, 1 Stanton St, Marinette, Wis
Arnida Products Co, 15 Whitehall St, N Y 4
*J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Brothers Pharmacal Co, Orange, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Tar Residuals, 420 Lexington Ave, N Y 17
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

b-PICOLINE

C_6H_7N. M.W. 93.06. B.P. 143.5°C. Liq. Sol. water, alcohols. Miscible with alcohol, ethyl ether. Uses—solvent in synthesis of pharmaceuticals, resins, dyestuffs, rubber accelerators, insecticides; in prep. of nicotinic acid and nicotinic acid amide.
● Pkg—5, 55 gal. drums.

*American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Brothers Pharmacal Co, Orange, N J
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Henley & Co, 801 2 Ave, N Y 17
Oil & Chem Products, 295 Madison Ave, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

g-PICOLINE

$C_5H_4NCH_3$. M.W. 93. Colorless oily liq. Uses water, alcohols. Miscible with alcohol, ethyl ether. Uses—solvent in synthesis of pharmaceuticals, resins, dyestuffs, rubber accelerators, insecticides.
● Pkg—5, 55 gal. drums.

*Ansul Chem Co, 1 Stanton St, Marinette, Wis
*J M Baird Co, 254 W 31 St, N Y 1
*Brothers Pharmacal Co, Orange, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Desmo Chem Corp, 607 5 Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
Oil & Chem Products, 295 Madison Ave, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19

PHTHALIC ANHYDRIDE

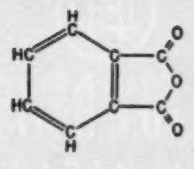
Superior quality and dependability are assured by modern equipment and manufacturing methods.

Barrett®

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

*Reg. U. S. Pat. Off.

KOPPERS
PHTHALIC ANHYDRIDE
Purity: 99.7% Minimum



USES: In manufacture of alkyd resins, ester-type plasticizers, dyestuff intermediates, food preservatives, medicinals, pharmaceuticals, insect repellents and perfume fixatives.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS®

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

U·S·S Picolines

Two Degree Alpha Picoline

Mixed Picolines—95% Within 8°C.

Tank cars and 55-gallon drums

UNITED STATES STEEL CORPORATION
525 WILLIAM PENN PLACE, PITTSBURGH 30, PA.

COAL CHEMICALS

UNITED—STATES STEEL

PICOLINES, MIXED

●Pkg—5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Brothers Pharmacal Co, Orange, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Tar Residuals, 420 Lexington Ave, N Y 17
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

PIGMENTS, ALUMINUM

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hummel Chem Co, 90 West St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magna Mfg Co, 4 Ave, Haskell, N J
Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

PIGMENTS, BLACK BONE

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Binney & Smith Co, 41 E 42 St, N Y 17
Stanley Doggett Inc, 75 Varick St, N Y 13
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

PIGMENTS, BLACK CARBON

Included in this group are: the various grades of carbon black, thermatomic black, lamp black, bone black, also blacks which fall between the soft blacks and carbon blacks and which are produced by varying the method of mfr. of blacks from natural gas. Black pigments find wide application in rubber, inks, paints, lacquers, enamels, linoleum, paper, etc.

FILO COLOR & CHEMICAL CORP.
202 E. 44 ST. • NEW YORK 17, N. Y.

PIGMENT COLORS
A Complete Range of Chemical Pigments
Both Organic And Inorganic

DRY FLUSHED

FILO

CABLE: 'FILOCOLOR'

HILTON-DAVIS
CHEMICAL
COMPANY DIV.
2235 LANGDON FARM RD.
CINCINNATI 13, OHIO

pigments
flushed and dry
for the
PRINTING INK, PAINT, LACQUER, PLASTIC, CARBON PAPER, RUBBER, and LEATHER INDUSTRIES

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Binney & Smith Co, 41 E 42 St, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
Stanley Doggett Inc, 75 Varick St, N Y 13
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
R T Vanderbilt Co, 230 Park Ave, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

PIGMENTS, BLACK MINERAL

Pigments from shale found in Nature (containing roughly 70% silica and 30% carbonaceous matter) or from coal or slate.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Georgia Peruvian Ochre Co, 165 Broadway, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Rare Metal Products Co, Atglen, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

PIGMENTS, BLUE

Two principal members of this group are Prussian Blue (often called Chinese Blue or Iron Blue) and Ultramarine Blue. Finished products are sold in the dry form, or ground in oil or in japan to form a paste. See A.S.T.M. Standard Specifications D261-28; D262-28.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New York Color & Chem Co, 374 Main St, Belleville 9, New Jersey
C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

PIGMENTS, BROWN

Most commonly employed brown pigments are : 1. Raw Sienna; 2. Raw and burnt umber; 3. Van Dyke brown.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*United Wallpaper, Merchandise Mart, Chicago 54, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

PIGMENTS, CHROMIUM

More common members of this group are: pure chrome green (a precipitated mixture of lead chromate and iron ferro and ferricyanide blue) reduced chrome green, also known as grinders' green (a mixture of lead chromate and iron ferro and ferricyanide blue precipitated on a base of barium sulfate or insol. siliceous material or any mixture thereof); chrome oxide green (a practically pure sesqui-oxide of chromium, Cr_2O_3); chrome yellow (usually mixtures of normal and basic lead chromates). Finished products are sold in the dry form or ground in oil, or in japan to form a paste. See A.S.T.M. Standard Specifications D212-27; D213-27; D263-28; D211-27. See also Pigments, Green; Pigments, Yellow. See Lead Chromate, Chromium Oxide, Chrome Green.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

PIGMENTS, EXTENDED TITANIUM

Special titanium pigments to which has been added an extender appropriate for the particular uses for which the pigment is designed. See Titanium Dioxide.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Titanium Pigment Corp, 111 Broadway, N Y 6
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

PIGMENTS, EXTENDER

Extender pigments having a wide range of chemical and physical properties are commercially available, such as the high- and low-oil-absorption precipitated calcium carbonates, diatomaceous earth, bleached silicas, and transparent water-ground mica. These, properly formulated in paints, varnishes, and lacquers produce special effects. Diatomaceous earth can be used to flat a paint or lacquer without excess pigmentation. Low-oil-absorption calcium carbonate is added to white enamels to reduce drag and improve leveling. High-oil-absorption precipitated calcium carbonates improve the dry hiding power of inside whites, and also aid in producing a dead flat effect. Transparent, white, water-ground mica, if added to a lacquer film, adds mechanical strength without affecting transparency. Mica can be used in small amounts to overcome checking and cracking of outside paints. Other extender pigments include talc, barytes, clay, slate, limestone, chalk, whiting, gypsum, Terra alba.

*Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio
*Attapulgus Minerals & Chem Corp, 210 W Washington Square, Phila, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*English Mica Co, 79 Prospect St, Stamford, Conn
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mississippi Lime Co, Alton, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Westvaco Chem Div, 161 E 42 St, N Y 17
*G A Wharry & Co, 95 Broad St, N Y 4
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co. 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

PIGMENTS, FLATTING

*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*English Mica Co, 79 Prospect St, Stamford, Conn
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*R-B-H Dispersions Div, 2 Hamilton St, Bound Brook, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
Witco Chem Co, 260 Madison Ave, N Y 16

PIGMENTS, FLUORESCENT

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Calco Chem Div, Bound Brook, N J
*Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*United Wallpaper, Merchandise Mart, Chicago 54, Ill

PIGMENTS, GREEN

Most commonly employed green pigments are: 1. Chrome Green, C.P., a combination of Prussian blue and chrome yellow, different proportions of which give a variety of tints; 2. Brunswick Green (often called Grinders), a reduced chrome green precipitated on barytes with less opacity and staining power, but greater brilliancy than chrome green, C.P.; 3. Chromium Oxide, a yellowish or sage green of good opacity, unaffected by light, heat, acids or alkalies, but somewhat dull in color; 4. Guignet's Green, permanent, stable and inert, very brilliant, but more expensive.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Resarch Co, 300 W Northwest Hway, Mt Prespect, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

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For complete list of company products: See Catalog Section

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From these you can quickly pick a pigment having the color, physical and chemical properties you require.

You can choose from 108 shades and types of synthetic and natural iron oxides; 64 Reds, 24 Browns, 18 Yellows, 2 Blacks. These include Metallic Browns, Venetian Reds, Ochres, Umbers, Siennas. We also offer Lampblack, Chromium and Cuprous Oxides plus a complete line of extender pigments.

Write, stating your requirements. Address Department 31 C. K. Williams & Co., Easton, Pennsylvania.

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PIGMENTS, GREEN, continued

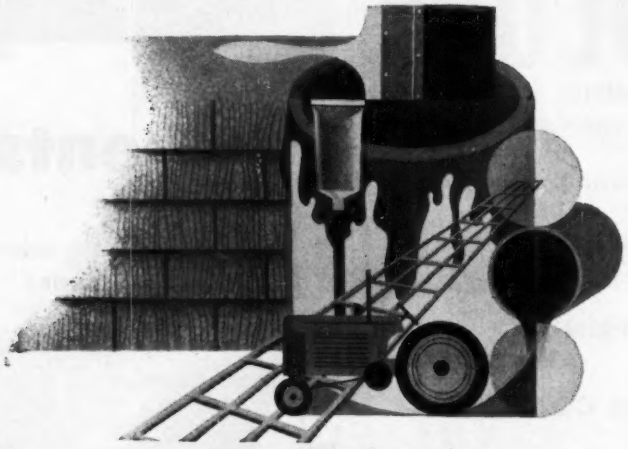
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Coit St, Irvington 11, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

PIGMENTS, LEAD

Principal members of this group are: red lead, basic carbonate white lead (formula $2PbCO_3Pb(OH)_2$), basic sulfate white lead, leaded zinc oxides, litharge or yellow lead oxide all sold in dry, paste in oil, or semi-paste forms.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W Seattle 4, Wash
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Metalead Products Corp, 978 Mills Bldg, San Francisco 4, Cal
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*National Lead Co, 111 Broadway, N Y 6

REICHHOLD



CHEMICAL PIGMENT COLORS

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*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

PIGMENTS, LUMINOUS

The principal substances that absorb rays of light and emit them in the dark are the sulfides of the alkaline earths and sulfides of zinc. The former react only feebly, zinc sulfide gives fairly intense illumination. Luminous pigments are used chiefly in the formulation of luminous paints, for stage purposes, in printing, etc.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

PIGMENTS, MICA

In the paint pigment field wet-ground mica supplements as well as replaces asbestine or fibrous talc and is preferably used to the extent of 10% of the pigment. Specifications generally call for 90% ground through 325 mesh and smoothly rounded edges. If the edges are ragged, as are those of ordinary dry-ground mica, the particles will not lie on one another like fish scales or orient themselves in the plane parallel to the paint film surface. Bulky or granular particles likewise are not desired for the reason that equidimensional particles do not tend to force the paint film. Mica is claimed to be superior to fibrous materials, inasmuch as it not only tends to hold together the film as does the hair or fiber in plaster, but it also binds the film (due to the overlapping of plates like fish scales), increases its wearing qualities, and acts as a lubricant. High bulking quality (sp. gr. 3.35; wgt. per gal. 27.75; bulking, 0.0361 gal. per lb.).

*English Mica Co, 79 Prospect St, Stamford, Conn
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

PIGMENTS, PAINT

Coloring materials, insol. in the paint vehicle, but held in suspension, including lead, zinc, cadmium, titanium, mercury and chromium pigments; ochres, siennas, umbers, iron oxides, bone black, lamp black, carbon black, etc.: important factors considered in paint pigments are: particle size, bleeding, moisture, wetting and dispersing properties, neutrality, covering powers, light fastness, resistance to acids, alkalies, oil etc., oil absorption, specific gravity, and tinting strength.

*Aluminum Flake Co, Box 3722, Kenmore Sta, Akron 14, Ohio
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
J M Baird Co, 254 W 31 St, N Y 1
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Mineral Co, 807½ Washington Ave, Cairo, Ill
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Johns-Manville, 22 E 40 St, N Y 16
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Metals Disintegrating Co, Elizabeth B, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Mississippi Lime Co, Alton, Ill
*National Lead Co, 111 Broadway, N Y 6
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Rare Metal Products Co, Atglen, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Titanium Pigment Corp, 111 Broadway, N Y 6
Tobey Chem Co, 1472 Broadway, N Y 36
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

PIGMENTS, PAPER

Used to improve the opacity, whiteness, and brightness of paper. Among the more common pigments employed are titanium dioxide and composites of the dioxide with blanc fixe or calcium sulfate; the three main grades of zinc sulfate pigments, namely: 1. Commercial zinc sulfate; 2. Zinc sulfide pigment containing approximately 50% blanc fixe; 3. Zinc sulfide pigment containing approximately 70% blanc fixe. Paper pigments differ from paper fillers in that the latter usually have relatively large particle size, low whitening or opacifying power, and are retained by mechanical filtration rather than by adsorption. Many of the paper pigments are added in the beater stage, others like zinc oxide in the coating operation.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Hammill & Gillespie, 225 Broadway, N Y 7
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Johns-Manville, 22 E 40 St, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Mississippi Lime Co, Alton, Ill
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*Titanium Pigment Corp, 111 Broadway, N Y 6
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

PIGMENTS, PHOSPHORESCENT

American-British Chem Supplies, 180 Madison Ave, N Y 16
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

PIGMENTS, RED

Most commonly used red pigments are: 1. Red oxide, the shades vary from brown (Spanish) to deep red (Persian Gulf), more brilliant shades are produced chemically with a lighter ferric content; 2. Burnt ochre; 3. Burnt Sienna; 4. Red Lead (seldom used except as a priming coat); 5. Basic Lead Chromate; 6. Vermillion (the oldest of brilliant red pigments and prepared by subliming mercury and sulfur together); 7. Cadmium Red, a compound of cadmium, sulfur, and selenium, and largely used in artists' colors.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Binney & Smith Co, 380 Madison Ave, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Fallek Products, 163 Broadway, N Y 6
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio

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BINNEY & SMITH CO., Distributor

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*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Rare Metal Products Co, Atglen, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

Used to impart colors to finished rubber articles and roughly classified as chemical or mineral pigments. Mineral pigments must withstand action of sulfur in the vulcanization operation, and usually iron oxides, zinc oxides, chromium oxides, complex sulfides of antimony, cadmium, mercury, and zinc, ultramarine blue and Prussian blues, Titanium oxides, carbon black, etc., are employed. Chemical pigments are in the form of lakes, toners, dyes, etc. Specially dispersed pigments and colors are required for latex.

*Aluminum Flake Co, Box 3722 Kenmore Sta, Akron 14, Ohio
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Cohutta Talc Co, P O Drawer 363, Dalton, Ga
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio

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STANTONE VINYL TONERS (PDS)

STANTONE FLUSHED (PC)

STANTONE GROUND POLYETHYLENE (GPE)

STANTONE BALLOON INKS

STANTONE RUBBER INKS

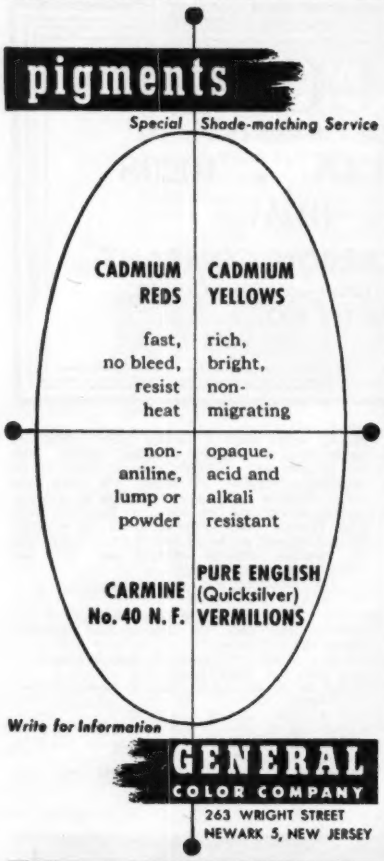
Vinyl Inks

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HARWICK STANDARD CHEMICAL CO.

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*Company classifies itself as manufacturer or producer of this product
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*trade mark reg.

PIGMENTS, RUBBER, continued

*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Rare Metal Products Co, Atglen, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Thomasset Color, 338 Wilson Ave, Newark 5, N J
*Titanium Pigment Corp, 111 Broadway, N Y 6
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Zinsser & Co, Hastings-on-Hudson, N Y

PIGMENTS, TEXTILE

Finely divided pigments used with thickeners principally to impart a free-flowing body to printing pastes as well as to supply tinting properties.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Jacques Wolf & Co, Passaic, N J

PIGMENTS, TITANATED LITHOPONE

Titanated lithopones widely used to increase the opacity of either flats, enamels, or exterior paints; also as beater addition or for surface application in paper making. Their thin to medium consistency permits high pigmentation at low consistencies, or their high opacity may be used to produce high-hiding finishes at low-pigment concentration.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
Chemical Service Corp, 82 Beaver St, N Y 5
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

PIGMENTS, TITANIUM

Outstanding characteristics are great hiding power, chemical inertness, stability, ability to withstand extreme conditions of exposure without alteration or discoloration. Basic raw material is ilmenite and the principal titanium pigments are Titanium Barium Pigment, Titanium Calcium Pigment, Titanium Magnesium Pigment, and Titanium Dioxide. Titanium pigments are used in the mfr. of paint, paper, oil-cloth, linoleum, textiles, ink, rubber goods, and in many other industries where white pigments are required. See also: Titanium Dioxide.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Pigment Corp, 111 Broadway, N Y 6
Tobey Chem Co, 1472 Broadway, N Y 36

PIGMENTS, WHITE

Materials which impart a white color to paints, lacquers, rubber, oil-cloth, linoleum, enamels, paper, textiles, cosmetics, leather, etc. Most common white pigments are lithopones, titanium oxides, extended titanium pigments, barytes, titanated lithopones, zinc sulfide, zinc oxides, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Binney & Smith Co, 380 Madison Ave, N Y 17
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Calco Chem Div, Bound Brook, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Edgar Bros Co, Metuchen, N J
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*National Lead Co, 111 Broadway, N Y 6
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
C J Osborn Co, 132 Nassau St, N Y 38
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Titanium Pigment Corp, 111 Broadway, N Y 6
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Jacques Wolf & Co, Passaic, N J

PIGMENTS, YELLOW

Most commonly employed yellow pigments are: 1. Chrome Yellows, varying in color from pale yellow to dark orange. They are brilliant in tone and of considerable opacity and strength of color, and are reasonably permanent; 2. Barium Chromate, pale yellow in color, and unaffected by hydrogen sulfide; 3. Zinc Chrome, pale yellow in color, but completely decomposed by acids and alkalies, but resistant to heat; 4. Yellow Oxide, artificially prepared, stronger in color than ochre, inert, and resistant to heat; 5. Cadmium Yellow, which is a sulfide of cadmium, durable, and lightproof; 6. Yellow ochres; 7. Siennas.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Binney & Smith Co, 380 Madison Ave, N Y 17
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Chicago Ink & Research Co, 300 W Northwest Hway, Mt Prospect, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
Stanley Boggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Magruder Color Co, 2385 Richmond Terrace, Staten Island 2, N Y
Edward Mendell Co, 24 W 45 St, N Y 19
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*United Wallpaper, Color Div, Merchandise Mart Plaza, Chicago, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill
*Zinsser & Co, Hastings-on-Hudson, N Y

PIGMENTS, ZINC

Principal members of this group are: 1. Zinc oxides, sometimes known as "Zinc White" and produced by the American process direct from the ore, or by the French process from spelter. Available in the dry form or ground in oil to form a paste; 2. The leaded zinc oxides; 3. Zinc Sulfide in either the dry pigment or ground in oil; 4. Lithopone, a combination of zinc sulfide and barium sulfate, also available in the dry or paste form. See A.S.T.M. Standard Specifications. D79-24: D80-25; D386-36; D385-36. See also: Lithopone, Zinc Oxide, Zinc Sulfide.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

PIG-WRACK see Moss, Irish

PINACOLE

$[(CH_3)_2COH]_2$. M.W. 118.17. Colorless solid. M.P. 42°C. Sl. sol. hot water; sol. carbon disulfide.

*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

PINACOLONE (Methyl tert-Butyl Ketone)

$(CH_3)_3CCOCH_3$. M.W. 100.16. M.P. —49.8°C. B.P. 106°C. Colorless liq. Sl. sol. water; sol common organic solvents. Uses—solvent; chemical intermediate.
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Lack Chem Co, 19 Park Pl, N Y 7
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

PINE RESIN see Rosin, Gum

α-PINENE

$C_{10}H_{16}$. Colorless liq. Sp. gr. 0.862 at 15.5°/15.5°C. B.P. 155-156°C. Flash point (closed cup), 33°C. Uses—solvent for paints and varnishes; mfr. of synth. camphor, terpineol and terpin hydrate.
● Pkg—55 gal. drums.

*Crosby Chem, P O Box 32, De Ridder, La
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Newport Industries, 230 Park Ave, N Y 17
G A Wharry & Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

b-PINENE (Nopinene)

$C_{10}H_{16}$. M.W. 136.12. A terpene occuring (30%) in the oil of Ferula galbiflua of Russia.
● Pkg—55 gal. drums.

*Crosby Chem, P O Box 32, De Ridder, La
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Newport Industries, 230 Park Ave, N Y 17
G A Wharry & Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

PIPE CLAY see Clays, China

PIPE JOINT COMPOUNDS

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Barrett Div, 40 Rector St, N Y 6
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Electro Chem Engrg & Mfg Co, 750 Broad St, Emmaus, Pa
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PIPERAZINE (Hexahydropyrazine, Diethylenediamine)

$NH(CH_2)_2.(CH_2)_2NH$. M.W. 86.14. Colorless, deliq., transparent, needlelike cryst. Absorbs CO_2 from air. Should be kept well-stoppered. M.P. 104°C. B.P. 145°C. Sol. water, alcohol. Uses—medicine.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
Fallek Products Co, 163 Broadway, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

PIPERIDINE (Hexahydropyridine, Pentamethylene Amine)

$C_5H_{11}N$. M.W. 85.1. Colorless liq. Sp. gr. 0.862. M.P. —9°C. B.P. 106°C. Sol. alcohol, water, ether. Uses—organic synthesis; rubber accelerator; in medicine.
● Pkg—7½, 38, 70, 375, 400 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

PIPERONAL see Heliotropin

PISTACHIA GALLA see Gum, Mastic

PITCH, BATTERY

Pitch with good bonding qualities, dielectric properties, acid-proof, and not brittle at low temp. is used in storage battery mfr. See also Sealers, Storage Battery.
● Pkg—Bags, drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, BREWERS'

Special type of high grade pitches, used to coat the inside of beer kegs and storage tanks, both wood and steel; must not be affected chemically by the beer; should not impart any taste or odor.

*Dehls & Stein, 237 South St, Newark 5, N J
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, BRIQUETTE

Coal-tar pitch, softening point about 75 to 85°C., Ring and Ball, used as a binder in making coal briquettes.

*Barrett Div, 40 Rector St, N Y 6
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Charles Page & Co, 50 E 42 St, N Y 17
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

PITCH, BRUSHMAKERS'

*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, BURGUNDY

Aromatic oily resin obtained by distillation of European pine species.
● Pkg—512 lb. drums.

*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, CAULKING

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*Barrett Div, 40 Rector St, N Y 6
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, COAL TAR

Dark-brown to black, solid, amorp. Sp. gr. 1.07. M.P. 60-120°C. Sol. alcohol, benzene, carbon disulfide. Uses—mfr. waterproof and acidproof paints, varnishes and roof cements, electrical insulating and roofing compositions, furnace electrodes, roofing paper, shoemakers wax, felt; water-proofing agent in construction work (concrete, stone, etc.); preserving wood; paving stone and paving roads; binder for coal dust fuels; fuel binder for cores in casting metal. Grades—tech.
● Pkg—200, 450 lb. bbls., drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, COKE

From distillation of tar. Black, solid amorp. Contains 5% volatile matter. Low ash content. Sp. gr. 36 lb. 1 cu. ft. from still. Above 1 in. size, 25-30 lbs. 1 cu. ft. Below 1 in. size, 40-45 lbs. 1 cu. ft. Uses—mfr. water gas; as domestic, industrial and metallurgical fuel, carburizing steel in open hearth. Grades—tech.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Charles Page & Co, 50 E 42 St, N Y 17
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

PITCH, CONDUIT

A coal-tar or water gas-tar pitch of special properties, prepared under carefully controlled conditions, for the impregnation of pulp or fibre tubes in the mfr. of fibre conduit. Softening point about 150°-170°F., cube-in-water method.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, CORE

A powdered, hard, coal-tar pitch used in the production of foundry cores. Softening point about 285°-310°F., cube-in-air method.
● Pkg—Drums.

*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16

PITCH, COTTONSEED

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
R B Huber, 216 Tremont St, Boston 16, Mass
*Southern Cotton Oil Co, 25 Broad St, N Y 4
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, GREASE-MAKERS'

A soft coal-tar pitch or heavy coal-tar used in compounding greases for heavy pinions and roll-neck bearings. Properties depend upon grease-makers formulae which may include rosin and pine-oil.

*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, HARDWOOD

Residue from destructive distillation of hardwood. Uses—as wood preservative; disinfectant; fuel.
● Pkg—100 lb. bags, 400 lb. drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Cliffs Dow Chem Co, Wright St, Marquette, Mich
R B Huber, 216 Tremont St, Boston 16, Mass
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, INSULATING

Definition will depend upon the use in mind. Waterproofing and damp-proofing pitches are sometimes referred to as insulating pitch. Some pitches are sold for use in electrical insulation compounds and in compounds for sealing dry batteries. Properties vary with intended use.
● Pkg—Drums.

*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

STEARINE PITCH

ANIMAL COTTONSEED AIR BLOWN

RE-RUN TO SPECIFICATION UNIFORMITY OF MELTING POINT, PENETRATION AND COLOR GUARANTEED

Allied Asphalt & Mineral Corp.

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Write for data to:
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1190 Harrison Ave., Kearny, New Jersey

See Our Catalog Ad

PITCH, INSULATING, continued

*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, LINSEED

Residue from the refining of linseed oil.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*E F Drew & Co, 416 Division St, Boonton, N J
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, OPTICIANS'

*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Shields Buying Service, 15 Moore St, N Y 4
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, PALM

Black, solid amorp. Sp. gr. 1.045-1.050. M.P. about 95°C. Sol. benzene. Uses—mfr. varnishes; in electrical insulation; as lubricant. Grades—tech.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
R B Huber, 216 Tremont St, Boston 16, Mass
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, PETROLEUM

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

PITCH, PINE (Pitch Prime)

Black, solid, amorp. Sp. gr. 1.105. M.P. 82°C. Sol. benzene, pyridine bases and petroleum ether. Uses—mfr. shoemaker's wax; preserving timber. Grades—prime.
● Pkg—583 lb. drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*T C Wilson Co, 503 Market St, San Francisco 5, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, PRIME see Pitch, Pine

PITCH, ROOFING

A coal-tar pitch having characteristics suitable for use in built-up pitch and tarred felt roofs. Its softening point is from 140 to 150°F. by the Cube-in-Water Method. See A.S.T.M. Specifications D251-36T and D252-36T.

MILLMASTER

PLANT HORMONES

a-NAPHTHALENEACETIC ACID
a-NAPHTHALENEACETAMIDE
SODIUM-
a-NAPHTHALENEACETATE
METHYL ESTER-
a-NAPHTHALENE ACETIC ACID
BETA NAPHTHOXYACETIC ACID
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MILLMASTER
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11 West 42nd St.
New York 36, N. Y.
Plant: Berkeley Heights, N. J.

MILLMASTER

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Colo
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Rubberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, ROSIN

Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
Welch, Holme & Clark Co, 439 West St, N Y 14
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, STEARINE

Obtained as by-product from soap and candle stock mfr., and refining of refuse greases, vegetable oils, and wool grease. Dark brown to black; bright luster. Sol. in naphtha, carbon bisulfide. Uses—mfr. of black paints and varnishes; tarred papers; printers' rolls; rubber filling agent; marine caulking; water-proofing.
● Pkg—320, 400 lb. drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Metallic Oxides Co, 164 1 St, Jersey City 2 N J
*A Gross & Co, 295 Madison Ave, N Y 17
*W C Hardesty Co, 41 E 42 St, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, TALL OIL

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Arizona Chem Co, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Chemical Service Corp, 82 Beaver St, N Y 5
*General Mills, 400 2 Ave S, Minneapolis, Minn
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, VEGETABLE

Residue from the distillation of vegetable materials. Uses—mfr. varnishes, coating tarpaulins, paper, electrical insulation. Grades—tech.
● Pkg—600 lb. drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*General Mills, 400 2 Ave S, Minneapolis, Minn
*W C Hardesty Co, 41 E 42 St, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Wilson-Martin Div, Wilson & Co, Snyder Ave & Swanson Sts, Phila 48, Pa
*Woburn Chem Corp, 1200 Harrison Ave, Harrison, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, WATERPROOFING

Coal-tar pitch suitable for use in damp-proofing as a mopping coat or in the construction of built-up membrane waterproofing systems along with tarred felt or fabric. For use below ground pitch with a softening point of 110-140°F., Cube-in-Water is recommended. See A.S.T.M. Specifications D201-36T, D200-36T, D145-36T and D42-36T.
● Pkg—Drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken Pa
*Mitchell-Rand Mfg Corp, 51 Murray St, N Y 7
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Portland Gas & Coke Co, 303 Public Service Bldg Portland 4, Ore
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PITCH, WOOL

Black, solid amorp. Uses—mfr. varnishes, coating tarpaulins, paper, electrical insulation, paints, printers' rolls; in marine caulking; as waterproofing impregnating agent Grades—tech.

Hummel Chem Co, 90 West St, N Y 6
*N I Maimstrom & Co, 147 Lombardy St, Bklyn 22 N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PITCHBLENDE see Uranium Oxide

PLANT HORMONES

Products which induce and stimulate rapid root growth. Do not take the place of fertilizer. Exact action is still not entirely understood, but the results are definitely visible.

*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 1700 S 2 St, St Louis 4, Mo
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterone Corp, 250 W 57 St, N Y 19

PLASTER OF PARIS see Calcium Sulfate

PLASTIC COATING LACQUER see Cellulose Acetate Lacquer

PLASTICIZERS, CELLULOSE

Volatile liq. added to cellulose compounds to lessen their brittleness or to aid blending with a resin. See also: Acetin, Acetophenone, Triphenyl, Phosphate, Tricresyl Phosphate, Amyl Ketone, Amyl Lactate, various benzoates, Benzyl Acetate, Butyl Acetate, Butyl Levulinate, Butyl Phthalate, Butyl Stearate, Oil, Castor, Diamyl Phthalate, Diethyl Phthalate, Methyl Phthalate, Camphor, etc.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kingston Chem Co, 15 William St, N Y 5
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

MONSANTO

2,4-D

Properties: Fine white powder; assay approx. 99.0%; M.P. about 138° C. A plant hormone which possesses herbicidal properties.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO CHEMICALS – PLASTICS

Morflex*
Plasticizers

A complete line of high-grade plasticizers and softeners for use with vinyl, cellulose nitrate, cellulose acetate and other resins, and with synthetic and natural rubbers.
Specializing in high electrical and heat-aging qualities.
Phthalates—Sebacates—Adipates—Special Plasticizers
Inquiries Invited
MORTON-WITHERS CHEMICAL COMPANY
TELEPHONE 4-5468 • 2110 HIGH POINT ROAD • P. O. BOX 1618
Greensboro, North Carolina
*Reg. U.S. Pat. Off.

KESSCO PRODUCTS

PLASTICIZERS

FOR

CELLULOSE ESTERS & ETHERS
POLYVINYLS
POLYSTYRENE ACRYLICS
SYNTHETIC RUBBERS

- FATTY ACID ESTERS
- ADIPATES
- PHTHALATES

KESSLER
Chemical Co., Inc.
State Rd. & Cottman Ave.
Philadelphia 35, Pa.

PLASTICIZERS

For All Purposes In Rubber and Plastics Manufacture

Aromatic Plasticizer No. 25
Butyl Oleate
Butyl Palmitate
Butyl Stearate
Celluflex 179-C (TCP)
Dibutyl Phthalate
Dicapryl Phthalate
Dicol (Ethylene-Propylene Glycol)
Didecyl Phthalate
Di-Iso-Octyl Phthalate
Dioctyl Phthalate (Polycizer 162)
Dioctyl Adipate (Polycizer 332)
Dioctyl Sebacate
Dipolymer Oil
Ethylene Dichloride
HSC-13
Methyl Oleate
Methyl Stearate
Organic Phosphate Plasticizer Emulsions
Picco 10
Picco 25
Piccocizers
Piccopale
Pine Oil
Plasticizer MT-511
Plasticizer ODN
Plasticizer SC
Polycizer ED
Polycizer 162 (DOP)
Polycizer 332 (DOA)
Tricresyl Phosphate — Celluflex 179-C

HARWICK STANDARD CHEMICAL CO.
Akron, Boston, Chicago, Los Angeles, Trenton

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PLASTICIZERS

FLEXOL plasticizers DOP, CC-55, 3GH, 3GO, 4GO, TOF, 8N8, TWS, A-26, R-2H, and B-400 are designed to meet industry's plasticizer needs for vinyl plastics, cellulose ester coatings, and synthetic rubber compounds. They have good general characteristics, such as compatibility and low volatility. In addition, every FLEXOL plasticizer is outstanding in contributing one or more special properties: low temperature flexibility, resilience, high impact strength, cold check resistance, workability, or resistance to oil and water extraction. Specific performance characteristics can be incorporated in compounds by blending these plasticizers.

CARBIDE AND CARBON CHEMICALS COMPANY

A Division of

Union Carbide and Carbon Corporation

30 E. 42nd St. UCC New York 17, N. Y.

In Canada: Carbide and Carbon Chemicals, Ltd.

"Flexol" is a registered trade-mark of UCC.

ELASTEX*
28-P Plasticizer (DOP)
(Dioctyl Phthalate)
"ELASTEX"
10-P Plasticizer (DIOP)
(Di-Iso Octyl Phthalate)
"ELASTEX"
50-B* Plasticizer
(Butyl Cyclohexyl Phthalate)
"ELASTEX"
DCHP Plasticizer
(Dicyclohexyl Phthalate)
DIBUTYL PHTHALATE

Barrett

*Reg. U.S. Pat. Off.

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

THE KEY TO
HARCHEM®
BETTER PLASTICS

PLASTICIZERS

®HARFLEX 500
®BUTYL BENZYL SEBACATE
DIBENZYL SEBACATE
DIBUTYL SEBACATE
DICAPRYL SEBACATE
DIHEXYL SEBACATE
DIMETHYL SEBACATE
DI-ISO-OCTYL SEBACATE
DIOCTYL SEBACATE
DICAPRYL ADIPATE
DI-HEXYL ADIPATE
DI-ISO-OCTYL ADIPATE
DIOCTYL ADIPATE
DIBUTYL PHTHALATE
DICAPRYL PHTHALATE
DIHEXYL PHTHALATE
DI-ISO-OCTYL PHTHALATE
DIOCTYL PHTHALATE

SEBACIC ACID
CAPRYL ALCOHOL

HARDESTY
CHEMICAL DIVISION
W. C. HARDESTY CO., INC.
41 East Forty-Second St., New York 17, N. Y.

DEWEY AND ALMY
Chemical Company

DAREX PLASTICIZERS

DI OCTYL PHTHALATE
DI ISO-OCTYL PHTHALATE
DI BUTYL PHTHALATE
DI ISO BUTYL ADIPATE
DI BUTYL MALEATE

D A
DEWEY and ALMY
Chemical Company
Cambridge 40, Massachusetts

PLASTICIZERS, CELLULOSE, continued

*Ohio-Apex Inc Div, Nitro, W Va
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Witco Chem Co, 295 Madison Ave, N Y 17

PLASTICIZERS, GLUE

Products which when added to glue tend to offset extreme hardness and brittleness, prevent undue shrinkage, maintain the finished product in a fluid state, and aid in its application by providing smooth-working properties.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dow Chem Co, Midland, Mich
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

PLASTICIZERS, LACQUER

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
Eastman Chem Products, Kingsport, Tenn
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

L J & M La Place, Leliarts Lane, E Paterson, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Ohio-Apex Inc Div, Nitro, W Va
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*G A Wharry & Co, 95 Broad St, N Y 4
*Witco Chem Co, 260 Madison Ave, N Y 16

PLASTICIZERS, NITROCELLULOSE

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Eastman Chem Products, Kingsport, Tenn
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kingston Chem Co, 15 William St, N Y 5
*M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ohio-Apex Inc Div, Nitro, W Va
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*G A Wharry & Co. 95 Broad St, N Y 4
*Witco Chem Co, 260 Madison Ave, N Y 16

PLASTICIZERS, RESIN

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal

STONEY-MUELLER

Incorporated

PAGE & NEWARK AVE., LYNDHURST, N. J.

Cable Address: "Stonemill, Lyndhurst"
Telephone: Rutherford 2-7420

ALCOHOLS

Amyl Alcohol (Refined Fusel Oil)
Isobutyl Alcohol
Normal Butyl Alcohol
Secondary Butyl Alcohol
Diacetone Alcohol, Acetone Free
Ethyl Alcohol, All Grades
Isoamyl Alcohol
Isopropyl Alcohol, All Grades
Methyl Alcohol, Pure Synthetic and Natural
Metryl Isobutyl Carbinol
Propyl Alcohol, Normal

CHLORINE COMPOUNDS

Anhydrous Aluminum Chloride (White Powdered, Granular or Solid)
Dimethyl Benzyl Chloride
Ethyl Benzyl Chloride
Ethylene Dichloride

AROMATIC HYDROCARBONS

Benzol
Hi Flash Coal-Tar Solvents
Petroleum Naphtha, Aromatic
Toluol
Xylol

ESTERS

Amyl Acetate
Normal Butyl Acetate
Secondary Butyl Acetate
Diallyl Phthalate
Ethyl Acetate, All Grades
Ethyl Lactate
Isopropyl Acetate
Isobutyl Acetate
Isobutyl Lactate
Methyl Acetate
Methyl Formate
Synest (91% Acetic Ester)

AMINES

Monoethanolamine
Diethanolamine
Triethanolamine

GLYCOLS

Ethylene Glycol
Diethylene Glycol

KETONES

C.P. Acetone
Diacetone Alcohol, Acetone Free
Di-isobutyl Ketone
Methyl Acetone
Methyl Ethyl Ketone
Methyl Isobutyl Ketone

PLASTICIZERS

Diallyl Phthalate
Dibutyl Phthalate
Dicapryl Phthalate
Diethyl Phthalate
Dimethyl Phthalate
D.I.O.P. (Di-iso-octyl Phthalate)
Butyl Stearate, Technical and Distilled
Dinopol (Di-n-Octyl Phthalate)
Dioctyl Phthalate (Di-2-ethylhexyl Phthalate)
Dicarbitol Phthalate (Bis(Diethylene Glycol Monoethyl Ether) Phthalate)
Ethox (Diethoxy Ethyl Phthalate)
Kausol (Methoxy Ethyl Oleate)
Kronisol (Dibutoxy Ethyl Phthalate)
Kronitex (Tricresyl Phosphate)
Kronitex MX (Cresyl Diphenyl Phosphate)
Methox (Dimethoxy Ethyl Phthalate)
Ohopex Q-10 (Fatty-Phthalic Acid Esters)
Adipol BCA (Di-butoxy Ethyl Adipate)
Adipol 2EH (Di-2-ethylhexyl Adipate)
Adipol 10A (Di-iso-octyl Adipate)
Adipol ODY (n-octyl Decyl Adipate)
KP-23 (Butoxy Ethyl Stearate)
KP-70 (Fatty-Phthalic Acid Esters)
KP-90 (Stabilizing Plasticizer)
KP-120 (Methoxy Ethyl Acetyl Ricinoleate)
KP-140 (Tributoxy Ethyl Phosphate)
KP-201 (Dicyclohexyl Phthalate)
KP-504 (Bis(Dimethyl Benzyl) Carbonate)
KP-555 (Bis(Dimethyl Benzyl) Ether)

PETROLEUM SOLVENTS

Aromatic Solvents
Rubber Solvent
Lacquer Diluents
Mineral Spirits
Hexane
Heptane
Solvent Naphtha, W.W. High Flash
Stoddard Solvents
Toluol
V.M.&P. Naphtha
Xylol

SOLUTIONS

Nitrocellulose—Film Solutions
Nitrocellulose—Cotton Solutions
Vinyl Resin Solutions

MISCELLANEOUS & INTERMEDIATES

Acetaldehyde
Acetic Acid
Bis(Dimethyl Benzyl) Carbonate
Bis(Dimethyl Benzyl) Ether
Formamide
Isopropyl Ether

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

HATCO
QUALITY
PLASTIZERS

Dicapryl Phthalate
Dioctyl Phthalate
Didecyl Phthalate
Dibutyl Phthalate
Diisooctyl Phthalate
Dioctyl Sebacate
Dibutyl Sebacate
Diisooctyl Sebacate
Dioctyl Adipate
Tricresyl Phosphate

HATCO CHEMICAL COMPANY
Kearney, New Jersey

PLASTOFLEX
PLASTICIZERS

Advance

for

POLYVINYL CHLORIDE PLASTICS
POLYSTYRENE PLASTICS
CELLULOSE ETHERS
CELLULOSE ESTERS
OIL-RESISTANT SYNTHETIC RUBBER

ADVANCE
SOLVENTS & CHEMICAL CORP.
245 Fifth Avenue
New York 16, N. Y.

PLASTICIZERS, RESIN, continued

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
Chematar Inc, 40 Exchange Pl, N Y 5
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Dow Chem Co, Midland, Mich
*El Dorado Oil Works, 311 California St, San Francisco 4, Cal
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hardesty Chem Co, 41 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hatco Chem Co, Ft of Sandford Ave, Kearny, N J
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17

NEVILLE

PLASTICIZERS

For synthetic and natural rubber, synthetic and plastic resins, cellulose, and zein and other proteins.

THE NEVILLE COMPANY
PITTSBURGH 25, PA.

BOUGHT — SOLD
Phthalates
Dimethyl — Dioctyl — Dibutyl — Others
Plasticizers — Plastics — Solvents
Industrial & Fine Chemicals

Chemical Service Corporation
EST. 1925
92-A BEAVER ST., NEW YORK 5, N.Y. HANOVER 2-6970

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
Tobey Chem Co, 1472 Broadway, N Y 36
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Veisicol Corp, 330 E Grand Ave, Chicago 11, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*G A Wharry & Co, 95 Broad St, N Y 4
*Witco Chem Co, 260 Madison Ave, N Y 16

PLASTICIZERS, RUBBER

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Barrett Div, 40 Rector St, N Y 6
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Organic Chem Dept Rubber Chem Section, Wilmington 98, Del
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, O
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
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*Hutchman Co, P O Box 386, Lakeland, Fla
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Kingston Chem Co, 15 William St, N Y 5
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Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
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*Ohio-Apex Inc Div, Nitro, W Va
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Plastichemicals Co, 1 Beekman St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Thiokol Corp, 780 N Clinton Ave, Trenton, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

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*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
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*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
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*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
M Michel & Co, 90 Broad St, N Y 4
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*Morningstar, Nicol, 630 W 51 St, N Y 19
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*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Scher Bros, 519 Getty Ave, Clifton, N J
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*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
W W Angus, 220 Broadway, N Y 38
*Archer-Daniels-Midland Co, 600 Roanoke Bldg, Minneapolis, Minn
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
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Burgess Chem Co, 64 Hamilton St, Paterson, N J
C P Chem Solvents, 60 Park Pl, Newark 2, N J
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*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
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*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
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*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
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*E F Drew & Co, 416 Division St, Boonton, N J
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*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
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*Rohm & Hass Co, 712 Locust St, Phila 5, Pa
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
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*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
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*Toelle Chem Co, R D 1, Box 75, Newton, N J
*Victor Chem Wks, 141 W Jackson Blvd, Chicago 4, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

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*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Peters Chem Mfg Co, 3623 Lake St, Melrose Park, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J

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*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
J M Baird Co, 254 W 31 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Hardesty Chem Co, 41 E 42 St, N Y 17
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Ohio-Apex Inc Div, Nitro, W Va
Plastichemicals Co, 1 Beekman St, N Y 38
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American Mineral Spirits Co, 155 E 44 St, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*E F Drew & Co, 416 Division St, Boonton, N J
Eastman Chem Products, Kingsport, Tenn
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
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*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Ohio-Apex Inc Div, Nitro, W Va
Plastichemicals Co, 1 Beekman St, N Y 38

PLASTICS, MELAMINE

*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
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*E F Drew & Co, 416 Division St, Boonton, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Plastichemicals Co, 1 Beekman St, N Y 38

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*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Elec, Chem Div, Pittsfield, Mass
*Loven Chem of Cal, 244 S Pine St, Newhall, Cal
*Marbiette Corp, 37-21 30 St, L I C 1, N Y
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
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*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
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*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
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*Cole Labs, 42-25 9 St, L I C 1, N Y
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Damon Chem Co, Box 774, Alliance, Ohio
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*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
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*Flash Chem Co, 160 2 St, Cambridge, Mass
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*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27

POLISH, METAL

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*E W Bennett & Co, N W Corner 16 & Utah Sts, San Francisco 3, Cal
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Haag Labs, 14010 S Seeley Ave, Blue Island, Ill
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Zophar Mills, 103 26 St, Bklyn 32, N Y

POLISH, SILVER

*Barco Chem Products Co, 701-3 S LaSalle St, Chicago Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Harrison & Co, 487 Groveland St, P O Box 457, Haverhill, Mass
*Huntington Labs, E Tipton St, Huntington, Ind
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pingo Co, 79 Sudbury St, Boston 14, Mass
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27

POLISHES FOR PAINTS, LACQUERS

Preps. for cleaning, polishing and conditioning paint, varnish, enamel, and lacquer surfaces, for removing dirt, grease, bluish scum, cloudiness, surface stains, scratches and bruises; to provide a protective film to the surface.

*Bell Co, 411 N Wolcott, Chicago 22, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Nu Steel Co, 1714 S Ashland Ave, Chicago 8, Ill
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y

POLYBUTENES (Polyisobutylenes)

Synthetic polymers. Pale-colored, chemically inert liq. of moderate to high viscosity and tackiness. Uses—impregnation of paper; insulation for electrical uses; adhesives, tapes, cements; extenders, modifiers of commercial latex; plasticizers for resins; powd. metallurgy; waterproofing coatings; paste inks; hydraulic or shock absorbing fluids.
●Pkg—55 gal. bbls., drums.

Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Enjay Co, 15 W 51 St, N Y 19
R B Huber, 216 Tremont St, Boston 16, Mass
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal

POLYCHLOROETHANE see Polyvinyl Chloride

POLYCHLOROETHYLENE see Polyvinyl Chloride

POLYETHYLBENZENE

*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Texas

INDOPOL

Reg. U. S. Pat. Off.

Polybutenes

Saybolt Viscosities—100 sec/100° F. to 3000 sec/210° F.

INDOIL CHEMICAL COMPANY

INDOIL® CHEMICAL PRODUCTS

910 S. Michigan Avenue, Chicago 80, Illinois

ORONITE CHEMICAL COMPANY

THE NAME TO WATCH IN CHEMICALS

POLYBUTENES

Sodium Sulfonates • Wetting Agents • Naphthenic Acids Gas Odorants • Nonionic Surfactants • Dispersant FO (Furnace Oil Inhibitor) • Detergent D-40 (Flakes, Granules, Powder) and D-60, Alkane, Slurry • Copper Naphthenate • Phthalic Anhydride Maleic Anhydride • Phenol, U.S.P. • Lube Oil Additives

ORONITE CHEMICAL COMPANY

38 Sansome Street, San Francisco 4, Calif. — 30 Rockefeller Plaza, New York 20, N. Y.
Standard Oil Bldg., Los Angeles 15, Calif. — 600 S. Michigan Avenue, Chicago 5, Ill.
Mercantile Securities Bldg., Dallas 1, Texas

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

POLYETHYLENE GLYCOL AND CARBOWAX ESTERS OF

- **Stearic Acid**
- **Oleic Acid**
- **Lauric Acid**
- **Tall Oil Fatty Acids**

RIVERDALE CHEMICAL CO.

Harvey, Illinois

POLYETHYLENE (Polythenes)

$(CH_2CH_2)x$. Series of white, waxy, translucent thermoplastic hydrocarbon polymers. Tasteless, odorless, nontoxic. Tough, strong, colddrawable, flexible. Uses—wire covering, unsupported films, injection molding, paper coating, potting, wax modification.
● Pkg—50 lb. bags.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*A Bamberger Corp, 703 Bedford Ave, Bklyn 6, N Y
*Bakelite Co, 30 E 42 St, N Y 17
Bell Chem Co, 25 W 44 St, N Y 36
*I N Breetwor & Associates, 4005 Wilshire Blvd, Los Angeles 5, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
Consumers Products Co, 99 Hudson St, N Y 13
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Plastichemicals Co, 1 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Tobey Chem Co, 1472 Broadway, N Y 36
United Sterling Chem Corp, 350 5 Ave, N Y 1

POLYETHYLENE GLYCOL OLEATE

$C_{17}H_{33}COOCH_2CH_2O(CH_2CH_2O)_{12}CH_2CH_2OH$. M.W. 898. Uses—level dyeing assistant, non-ionic component of blended detergent preps., emulsifying material for water-insol. oils.

*Alrose Chem Co, Box 1294, Providence 1, R I
W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Jacques Wolf & Co, Passaic, N J

POLYETHYLENE GLYCOL STEARATE

Uses—non-ionic emulsifier, suspending and thickening agent for edible and tech. products.

*Alrose Chem Co, Box 1294, Providence 1, R I
W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Jacques Wolf & Co, Passaic, N J

POLYGLYCOL

A dihydroxyether formed from two or more glycol molecules by dehydration.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*Jefferson Chem Co, 260 Madison Ave, N Y 16

POLYISOBUTYLENES see Polybutenes

POLYOXYETHYLENE ESTERS

*Alrose Chem Co, Box 1294, Providence 1, R I
W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

KOPPERS® KOPPERS POLYSTYRENES

8X Typical heat distortion temperature 201°F; excellent electrical and mechanical properties. Ideal for radio cabinets and other applications where ambient temperatures vary.

7X Typical heat distortion temperature 194°F; superior molding qualities. Excellent general-purpose polystyrene.

3X Typical heat distortion temperature 180°F. Low cost and fine molding qualities make it good for general purpose uses where high heat resistance is unnecessary.

81, 71, 31 Externally lubricated forms of 8X, 7X and 3X. For use where mold release and ease of flow are of *critical* importance.

KOPPERS MODIFIED POLYSTYRENES

"High Impact" Polystyrenes have high resistance to shock, yet retain a major number of the desirable characteristics of regular polystyrenes.

MC-185 Best electrical resistance and lowest moisture absorption in the high impact series. Ideal for battery cases, electronics applications and in contact with high frequency parts.

MC-309 Combines ready moldability with high impact resistance and a high heat distortion temperature, 195°F. Containers, radio cabinets and television masks are typical of MC-309's applications.

MC-305 Physical, chemical and electrical properties are similar to those of regular polystyrene; heat distortion temperature is 175°F; adds easy moldability to high impact characteristics. Ideal for refrigerator parts, air conditioning housings, toys and novelties.

MC-301 Similar to MC-305 but has a higher heat distortion temperature (185°F); used where both high shock resistance and medium heat resistance are required.

"Medium Impact" Polystyrenes satisfy the need for thermoplastics with properties intermediate between regular polystyrene and the very highly shock resistant materials. They are characterized by the fine surface appearance of regular polystyrene but are much tougher.

MC-409 Must be molded at slightly higher temperatures than the other Medium Impact Polystyrenes; has high heat resistance (195°F); excellent resistance to heat deformation. Used in housewares, packages and containers and applications where moderate shock resistance and high heat resistance are required.

MC-405 has the easiest molding characteristics of the Medium Impact series. Typical heat distortion temperature is 175°F. Used for refrigerator parts, radio cabinets, television masks and parts where toughness is needed during assembly.

MC-401 has easy molding characteristics but with a higher heat distortion temperature than MC-405.

All Koppers Polystyrenes are available in a wide variety of transparent, translucent and opaque colors.

KOPPERS COMPANY, INC. · CHEMICAL DIVISION
Dept. CWBG-9213, Koppers Building, Pittsburgh 19, Pennsylvania

POLYPENTAERYTHRITOL

White powd. Mixture of tripentaerythritol and higher polypentaerythritols. Uses—mfr. of varnishes, alkyd and hard resins, synth. drying oils.
● Pkg—50 lb. bags.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

POLYPROPYLENE GLYCOLS

A series of polypropylene glycols of different M.W. Uses—in the synthesis of pharmaceuticals; as a plasticizer; humectant solvent.
● Pkg—1, 5, 10, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich

POLYSTYRENE

$(C_8H_8)X$. Softening point—various, according to degree of polymerization. Color—light yellow to water-white. Solubility—sol. in aromatic hydrocarbons. Chlorinated hydrocarbons and esters. Resin characteristics—thermoplastic. Molds under pressure at temps. of 150-200°C. Very low water absorption. High dielectric value. High mechanical strength. Modifications—sometimes modified with plasticizers or fillers. Uses—molding by injection, extrusion or casting. Impregnation of electrical coils. Lamination of fabrics. Bonding of abrasive wheels. Surface finishes.
● Pkg—50 lb. bags, 50, 175, 200, 250, 300 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Bell Chem Co, 25 W 44 St, N Y 36
*Catalin Corp of America, 1 Park Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
Clifford Chem Div, 170 Broadway, N Y 38
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Dow Chem Co, Midland, Mich
Henley & Co, 801 2 Ave, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
United Sterling Chem Corp, 350 5 Ave, N Y 1

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

POLYTHENES see Polyethylene

POLYVINYL ACETATE

($CH_3CHOOCCH_3$). Colorless, odorless, tasteless, transparent, synth. resin. Thermoplastic. Dens. 1.189 (15°C.). Insol. water, gasoline, oils, fats. Sol. lower alcohols and esters, benzene, chlorinated hydrocarbons, ketones. Water-emulsion stable. Uses—in protective, wear-resistant films and coatings; as a size or stiffener for specialty paper; in heat-sealing and solvent-activated adhesives; in lacquers, paints, gravure and emulsion-type printing inks. Grades—solid resin in low, medium, and high viscosities; water emulsions and solutions in organic solvents—low and high viscosity.

● Pkg—Kegs, bags, drums, bbls.

Adhesive Products Corp, 1660 Boone Ave, N Y 60
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Henley & Co, 801 2 Ave, N Y 17
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St. N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Philipp Bros Chem, 37 Wall St, N Y 5
Plastichemicals Co, 1 Beekman St, N Y 38
*Shawinigan Products Corp, 350 5 Ave, N Y 1

POLYVINYL ACETATE EMULSION

Properties can be modified by adding plasticizers and other materials. Uses—adhesives for bonding variety of materials; replacement of rubber latex emulsions in some cases.

● Pkg—Jars, kegs, bbls., drums.

Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Polymer Corp, 103 Foster St, Peabody, Mass
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Bakelite Co, 30 E 42 St, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Henley & Co, 801 2 Ave, N Y 17
*Hukill Chem Corp, 2533 Broadway, Cleveland 13, Ohio
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Philipp Bros Chem, 37 Wall St, N Y 5
Plastichemicals Co, 1 Beekman St, N Y 38
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

POLYVINYL BUTYRAL

[$CH_3CHOCH(C_6H_7)OCHCH_3$]x. M.W. 34,000. Colorless, odorless, thermoplastic, synth. resin with good form stability. Sol. alcohols, ketones, esters and aromatic hydrocarbons. Insol. water, aliphatic hydrocarbons, animal, mineral, and vegetable oils. Uses—standard interlayer material for safety glass, in textile coatings and finishing, as adhesives including pressure-sensitive tapes.

● Pkg—55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*David E Long Corp, 220 E 42 St, N Y 17
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Plastichemicals Co, 1 Beekman St, N Y 38
*Shawinigan Products Corp, 350 5 Ave, N Y 1

GELVA®
POLYVINYL ACETATE
Available in solid form in eight viscosities from 1½ centipoises to 800 centipoises.
POLYVINYL ACETATE EMULSION
Available in 5 grades, 55% solids in water, one grade 35% solids in water. Free-filming, non-reversible. Excellent for adhesives and coatings.
SHAWINIGAN PRODUCTS CORPORATION
1317 EMPIRE STATE BLDG, 350 FIFTH AVE, NEW YORK 1, N.Y.

POLYVINYL CHLORIDE (Polychloroethylene, Polychloroethane)

(CH_2:$CHCl$)x. Wide range of thermoplastic synth. resins made from HCl and acetylene. Uses—in making plastic materials ranging from soft gels or rubber-like materials to hard, horny solids.

● Pkg—50 lb. bags.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Chemical Service Corp, 82 Beaver St, N Y 5
*Dow Chem Co, Midland, Mich
*Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
Henley & Co, 801 2 Ave, N Y 17
*David E Long Corp, 220 E 42 St, N Y 17
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Plastichemicals Co, 1 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
United Sterling Chem Corp, 350 5 Ave, N Y 1

POLYVINYL FORMAL

($CH_3CHOCH_2OCHCH_2$)$_n$ M.W. 12,500. Thermoplastic, light straw-colored synth. resin with good form stability. Sol. dioxan, ethylene dichloride. Insol. water, lower alcohols and esters, glycols, ethers, and toluene. Uses—coating of magnet wire; in adhesives, high-impact moldings.

● Pkg—125 lb. drums.

*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Shawinigan Products Corp, 350 5 Ave, N Y 1

POLYVINYLIDENE CHLORIDE

The chief commercial copolymer is a vinylidene chloride-vinyl chloride copolymer, about 92% vinylidene chloride. Odorless, tasteless, transparent, thermoplastic. Insol. water and practically all chemicals. Uses—in molded objects where chemical resistance is required; extrusions for monofilament fabrics.

*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Dow Chem Co, Midland, Mich
Plastichemicals Co, 1 Beekman St, N Y 38

PONDEROUS MAGNESIA see Magnesium Oxide

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Chemical Company
DAREX
POLYVINYL
ACETATE
EMULSIONS
For use in Adhesives, Coatings, Paints and Textile Finishes
D A
DEWEY and ALMY
Chemical Company
Cambridge 40, Massachusetts

FORMVAR®
POLYVINYL FORMAL
This is SHAWINIGAN'S outstanding resin for coating of magnet wire and for adhesives requiring high bond strengths.
Inquiry invited.
SHAWINIGAN PRODUCTS CORPORATION
1317 EMPIRE STATE BLDG, 350 FIFTH AVE, NEW YORK 1, N.Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

POTASSIUM
AND
SODIUM HYDROXIDE
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LUMPS, FLAKES
SPECIAL TECHNICAL
CHLORINE FREE
FUSED, SOLID,
LUMPS, FLAKES
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VEGETABLE LECITHIN
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PORCELAIN CLAY see Clays, China

PORCELAIN EARTH see Clays, China

POTASH see Potassium Carbonate

POTASH, WATER-GLASS see Potassium Silicate

POTASSA see Potassium Hydroxide

POTASSA SULPHURATED, so called "POTASSIUM SULPHIDE" see Liver of Sulfur

POTASSIUM (Kalium)

K. Soft, silvery metal. Decomposing water, explosively. Sp. gr. 0.8621. M.P. 62.5°C. B.P. 757.5°C. Sol. alcohol, mercury acids. Uses—as laboratory reagent. Grades—tech.
● Pkg—1 lb. boxes, bottles, 50, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Bergstrom Trading Co, 233 Broadway, N Y 7
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Matheson Coleman & Bell, 4104 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

POTASSIUM ACETATE (Diuretic Salt)

$KC_2H_3O_2$. White, hygroscopic, crystalline powd. Sp. gr. 1.8. M.P. 292°C. Sol. water, alcohol. Uses—mfr. acetone, pharmaceutical derivatives, cryst. glass; dehydrating agent in chemical processes; laboratory reagent; in medicine. Grades—U.S.P. recrystallized; C.P.; reagent; pure: pure fused.
● Pkg—Pails, drums.

*Adams-Henry Chem Co, 32 Broadway, N Y 4
*J T Baker Chem Co, Phillipsburg, N J
*F W Berk & Co, Park Pl E, Woodridge, N J
Fallek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa

POTASSIUM ACID CARBONATE see Potassium Bicarbonate

POTASSIUM ACID FLUORIDE (Potassium Bifluoride)

KF.HF. M.W. 78.1. Colorless crystals. Sol. water. Uses—as an antiseptic; in etching of glass.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

POTASSIUM ACID OXALATE see Potassium Binoxalate

POTASSIUM ACID SULFATE see Potassium Bisulfate

POTASSIUM ACID SULFITE see Potassium Bisulfite

POTASSIUM ACID TARTRATE see Potassium Bitartrate

POTASSIUM ALGINATE (Potassium Polymannuronate)—see also Algin

$(C_6H_7O_6K)x$. M.W. not determined. Cream-colored powd. Uses—hydrophilic colloid in dental impression gel compounds, eye impression materials, various prosthetic uses.
● Pkg—100, 300 lb. drums.

*Algin Corp of America, 24 State St, N Y 4
*Burtonite Co, P O Box 7, Nutley 10, N J
*Kelco Co, 31 Nassau St, N Y 5

POTASSIUM AMINOACETATE see Phenyl Glycine, Potassium Salt

POTASSIUM p-AMINO BENZOATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

POTASSIUM AURICHLORIDE see Gold Potassium Chloride

POTASSIUM BIBORATE see Potassium Borate

POTASSIUM BICARBONATE (Potassium Acid Carbonate)

$KHCO_3$. Colorless, transparent, odorless cryst. Sp. gr. 2.17. M.P. decomp. at 100-200°C. Sol. water, and potassium carbonate solution. Uses—mfr. potassium carbonate, potassium salts, baked products, baking powds., candies, confectionery; reagent in making chemicals; in medicine. Grades—U.S.P.; C.P.; commercial cryst., powd.
● Pkg—25, 100, 250 lb. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Arnida Products Co, 15 Whitehall St, N Y 4
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Conray Products Co, 510 Ave of the Americas, N Y 11
Hummel Chem Co, 90 West St, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
United Sterling Chem Corp, 350 5 Ave, N Y 1

POTASSIUM BICHROMATE (Potassium Dichromate, Red Potassium Chromate)

$K_2Cr_2O_7$. Yellowish-red cryst. Sp. gr. 2.692. M.P. 396°C. B.P. decomposes at 500°C. Sol. water. Uses—mfr. alkaline chlorates, organic and inorganic chemicals, intermediates, poison fly paper, aniline violet, coal-tar products, glass, glues, adhesives, synth. perfumes, dry colors, printing inks, alizarine, chrome alum, ceramics, linoleum, oil-cloth, paints, varnishes, bichromate electric batteries, matches, match striking and pyrotechnic compositions, nitroglycerine explosives, chrome pigments, blue print paper; as general oxidizing and general bleaching agents; discharge, photographic, and laboratory reagents; reagent in dyeing and printing textiles; engraving and other printing purposes; chrome tanning leather; staining wood; bleaching fats, oils, resins and waxes; refining oil and tallow; electroplating; brass pickling; in medicine. Grades—tech.; U.S.P.; powdered; fused; reagent.
● Pkg—100 lb. bags, 360, 400, 750 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Castle Color & Chem Co, 24 W 45 St, N Y 19
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Elbert & Co, 2 Broadway, N Y 4
Fallek Products Co, 163 Broadway, N Y 6
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Philip A Hunt Co, Palisades Park, N J
International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Mutual Chem Co of America, 270 Madison Ave, N Y 16
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
*Natural Products Refining Co, 902 Garfield Ave, Jersey City 5, N J
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Chem Corp, 350 5 Ave, N Y 1
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

POTASSIUM BIFLUORIDE see Potassium Acid Fluoride

POTASSIUM BIIODATE

*City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

POTASSIUM BINOXALATE (Potassium Acid Oxalate, Salt of Sorrel, Essential Salt of Lemon, Sal Acetosella)

KHC_2O_4. White, solid, hygroscopic crystalline. Sp. gr. 2.088 (anhydrous). Decomp. on heating. Sol. water. Uses—cleaning and scouring metals and wood; ink stain remover; photographical purposes; bleaching straw. Grades—tech.; C.P.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*City Chem Corp, 132 W 22 St, N Y 11
Howe & French, 99 Broad St, Boston, Mass
*Merck & Co, Rahway, N J
Sterone Corp, 250 W 57 St, N Y 19

POTASSIUM BISMUTH TARTRATE

$KBi_3C_4H_2O_9.4H_2O$. A granular white powd., sol. in water and used as antiluetic.

*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

POTASSIUM BISULFATE (Potassium Acid Sulfate, Sal Enixium)

$KHSO_4$. M.W. 136.17°. Colorless, deliq. cryst. Sp. gr. 2.245. M.P. 210°C. B.P. decomp. Sol. water; decomp. by alcohol. Uses—mfr. cream of tartar, anisol, intermediates, organic chemicals; flux in metallurgy; food preservative. Grades—commercial; reagent; fused; highest purity; medicinal.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

POTASSIUM BISULFITE (Potassium Acid Sulfite)

$KHSO_3$. White, crystalline powd., sulfur dioxide odor. Decomp. on heating. Sol. water; insol. alcohol. Uses—mfr. sodium hydrosulfite, inorganic chemicals; bleaching, dyeing and printing textiles; bleaching tannin extracts and straw; solubilizing dyestuffs; tanning leather; reducing agent in making organic chemicals and intermediates; general antiseptic and cleansing agent; laboratory reagent. Grades—commercial; reagent; highest purity; medicinal.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
Philip A Hunt Co, Palisades Park, N J
*Hunt Chem Works, 271 Russell St, Bklyn, N Y

POTASSIUM m-BISULFITE (Potassium Pyrosulfite)

$K_2S_2O_5$. White, crystalline crusts. Decomp. on heating. Sl. sol. water. Uses—mfr. sulfurous acid for chemical purposes; antiseptic and preservative of foods, etc.; photographic developer; laboratory reagent; assistant in dyeing and printing textile fabrics; engraving and lithography; in brewing; in medicine. Grades—cryst.; powd.; C.P.; tech.

● Pkg—100, 300, 350 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
Browning Chem Corp, 150 Broadway, N Y
Philip A Hunt Co, Palisades Park, N J
*Hunt Chem Works, 271 Russell St, Bklyn, N Y
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
*F H Taussig, 175 W 76 St, N Y 23

POTASSIUM BITARTRATE (Cream of Tartar, Potassium Acid Tartrate, Depurated Tartar)

$KHC_4H_4O_6$. White, solid cryst. Sp. gr. 1.956. Decomp. on heating. Sol. water; sl. sol. alcohol. Uses—mfr. baking powd.; in cooking; metal coloring; contact tinning; in medicine. Grades—tech.; C.P.; U.S.P.; crude (see Argols).

● Pkg—25, 50, 100, 250 lb. bbls., drums.

J T Baker Chem Co, Phillipsburg, N J
T M Duché & Sons, 117 Hudson St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Herbert Marmorek & Son, 2153 78 St, Bklyn 14, N Y
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*F H Taussig, 175 W 76 St, N Y 23

POTASSIUM BORATE (Potassium Biborate, Potassium Tetraborate)

$K_2B_4O_7 + 5H_2O$. M.W. 323.88. White crystalline powd.

● Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal

POTASSIUM BOROHYDRIDE

*Metal Hydrides, 22 Congress St, Beverly, Mass

POTASSIUM BROMATE

$KBrO_3$. M.W. 167.02. White crystalline powd. Sp. gr. 3.27. Decomp. at 370°C. Sol. water, alcohol, ether. Uses—laboratory reagent. Grades—tech.; pure: C.P.; U.S.P.

● Pkg—25, 50, 200, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*Dow Chem Co, Midland, Mich
International Selling Corp, 122 E 42 St, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Republic Chem Corp, 94 Beekman St, N Y 38

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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POTASSIUM BROMIDE

KBr. M.W. 119.02. White regular, hygroscopic cryst or powd. Sp. gr. 2.68 (15°C.). M.P. 780°C. B.P. 1380°C. Sol. water; sl. sol. alcohol, ether. Uses—mfr photographic emulsions, soap; engraving and lithography; in medicine. Grades—U.S.P.; C.P.; cryst.; granular; powd
● Pkg—25, 50, 100, 200 lb. drums, 400, 500 lb. bbls., 112 lb. cases.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Philip A Hunt Co, Palisades Park, N J
International Selling Corp, 122 E 42 St, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
L B Russell Chem, 60 Orange St, Bloomfield, N J

POTASSIUM CARBONATE (Salts of Tartar, Pearl Ash, American Ashes, Fixed Nitre, Potash, Salts of Wormwood)

K_2CO_3. White, deliq. powd. Sp. gr. 2.3312 (17°C). M.P. 896°C. Decomp. on further heating. Sol. water. Uses—mfr. potassium salts, oxalic acid, potassium cyanide, inorganic chemicals, glass, mineral waters, food and perfume preps., soft soaps, toilet articles, ceramics, blue-print paper, dry colors, printing inks, explosives, explosive compositions, fertilizers; dehydrating agent; brewing beer; washing textiles, wool and silk; bleaching and dyeing textiles; engraving and lithography; electroplating reagent; tanning leather; in medicine. Grades—calcined 80-85%, 85-90%, 90-95%, 96-98%; hydrated 80-85%; U.S.P.; reagent.
● Pkg—Drums, bags, kegs, bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass

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General Offices: 20 North Wacker Drive, Chicago 6
61 Broadway, New York 6

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*E S Browning Co, 1515-1555 3 St, San Francisco, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
Cornwell Chem Corp, 24 E 38 St, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*General Chem Div, 40 Rector St, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Philip A Hunt Co, Palisades Park, N J
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Niagara Alkali Co, 60 E 42 St, N Y 17
Oil & Chem Products, 295 Madison Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Siegel Chem Co, 3 Hanson Place, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
United Sterling Chem Corp, 350 5 Ave, N Y 1
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*White Cross Labs, 79 Wall St, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

POTASSIUM CHLORATE (Potassium Oxymuriate, Potassii Chloras)

$KClO_3$. M.W. 122.56. Colorless, odorless, lustrous cryst. Sp. gr. 2.337. M.P. 368.4. Decomp. at 400°C. Sol. water, alkalies; sl. sol. alcohol. Uses—mfr. chlorate explosives, safety matches; pyrotechnic compositions, ammunition, paper, dry colors, printing inks, dyestuffs, alizarine; oxidizing agent in chemical processes; assistant in dyeing and printing fabrics; general disinfectant; agent in acid proofing; in medicine. Grades—U.S.P.; C.P.; tech.; cryst.; powd.; also special pyrotechnic powds.
●Pkg—110, 200, 225, 550 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
John A Chew, 60 E 42 St, N Y 17
Croton Chem Corp, 114 Liberty St, N Y 6
Duff Chem Co, 342 Madison Ave, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Charles Page & Co, 50 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Joseph Turner & Co, Ridgefield, N J
Tuteur Blo-Chem, 52 Wall St, N Y 5
United Sterling Chem Corp, 350 5 Ave, N Y 1

POTASSIUM CHLORAURATE see Gold Potassium Chloride

POTASSIUM CHLORIDE (Sylvite)

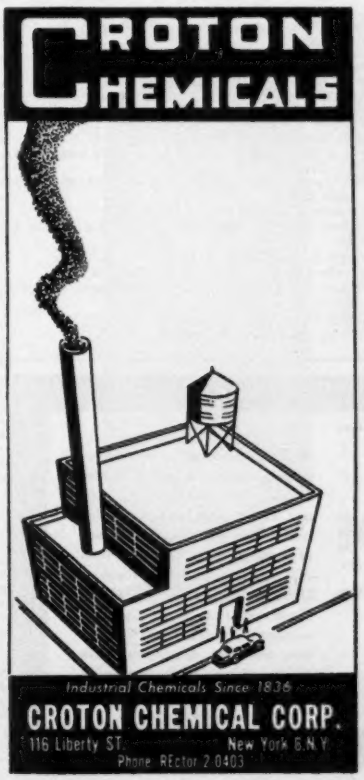
KCl. M.W. 74.56. Colorless, cubic crystalline granules or powd. Sol. in water, alcohol, and alkalies. Sp. gr. 1.988. M.P. 790°C. B.P. 1500°C. Grades—reagent (C.P.), N.F., tech. Uses—analytical, fertilizers.
●Pkg—100 lb. bags, 25, 100, 250 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 122 E 42 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Bergstrom Trading Co, 233 Broadway, N Y 7
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
E I du Pont de Nemours & Co, Grasselli Chem Dept Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9 Mich
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Hummel Chem Co, 90 West St, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgfield, N J
*United States Potash Co, 30 Rockefeller Plaza, N Y 20
United Sterling Chem Corp, 350 5 Ave, N Y 1

POTASSIUM CHROMATE

K_2CrO_4. Yellow cryst. Sp. gr. 2.7319 (18°C.). M.P. 971°C. Sol. water; insol. alcohol. Uses—mfr. dyestuffs, aniline black, writing inks, chromate pigments, enamels; oxidizing agent in making intermediates and organic chemicals; laboratory reagent; finishing leather; mordant in dyeing and printing textiles; in medicine. Grades—cryst., reagent; commercial; crude; highest purity.
●Pkg—100, 400 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*City Chem Corp, 132 W 22 St, N Y 11
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson Coleman & Bell, 4104 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17



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POTASSIUM CARBONATE

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

POTASSIUM CHROMATE, continued

*Merck & Co, Rahway, N J
*Mutual Chem Co of America, 270 Madison Ave, N Y 16
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38

POTASSIUM CITRATE

$K_3C_6H_5O_7.H_2O$. M.W. 324.40. White crystalline powd. Sol. in water; sl. sol. in alcohol. Uses— mfr. pharmaceutical and medicinal preps.
● Pkg—25, 50, 100, 225, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa

POTASSIUM COBALTICYANIDE

● Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11

INDUSTRIAL AND REAGENT
CHEMICALS

POTASSIUM
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SODIUM COBALTICYANIDE

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CUPRIC THIOCYANATE

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BARIUM CYANIDE

NICKEL CYANIDE

CITY CHEMICAL CORP.
132 W. 22nd St., New York 11, N.Y.
WA 9-2723

POTASSIUM CREOSOTE SULFONATE

Potassium salt of sulfonated creosote. Water sol. powd.; sl. sol. in alcohol. Uses—pharmaceutical.
● Pkg—25, 100 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17

POTASSIUM CYANATE

KCNO. M.W. 81.11. A white crystalline solid. Sp. gr. 2.05. Readily sol. in water and anhydrous ammonia, insoluble in absolute alcohol. Melts at dull red heat without decomposition. Principal consumption of Potassium Cyanate is in the mfr. of organic chemicals and drugs. Hypnotics, narcetics and similar drugs are made from this product. Typical products are known chemically as substituted ureas, urethanes or hydantoins.
● Pkg—40, 80 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, New Product Development Dept, 30 Rockefeller Plaza, N Y 20
J T Baker Chem Co, Phillipsburg, N J
Browning Chem Corp, 150 Broadway, N Y 38
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Philipp Bros Chem, 37 Wall St, N Y 5

POTASSIUM CYANIDE

KCN. White, deliq. amorp. or crystalline powd., faint odor of bitter almonds. Sp. gr. 1.52. M.P. and B.P. red heat. Sol. water, alcohol, glycerine. Uses—mfr. paper, insecticidal compositions; extracting gold and silver from ores; case-hardening and quenching baths in treating steel; electroplating metals; reagent in assay laboratory and in making intermediates and organic chemicals; fumigant for food granaries, and cotton; engraving and lithography; assistant in dyeing and printing textiles; in brass and metal industry; in medicine. Grades—commerical; pure: reagent: C.P.; U.S.P.
● Pkg—5, 10 lb. cans/cases, 25 lb. packs, 25, 100 lb. drums.

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Sterone Corp, 250 W 57 St, N Y 19
Joseph Turner & Co, Ridgefield, N J

KOPPERS
POTASSIUM CYANIDE

● Used principally in electroplating baths, where it forms soluble complexes with copper, silver, gold, cadmium, zinc and other metals of the general form, $K_2M(CN)_3$ or $K_2M(CN)_4$. Supplied in the form of clear aqueous solution, ready-dissolved Potassium Cyanide requires no delay at time of use, obviates dangerous task of handling and dissolving granules.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

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POTASSIUM DICHROMATE see Potassium Bichromate

POTASSIUM ETHYL XANTHATE (Potassium Xanthogenate)

$C_2H_5O.CS_2K$. Pale yellowish-green powd. Very sol. in water; sol. in alcohol. Uses—as a mineral ore flotation agent. Grades—tech. (90%).
● Pkg—250 lb. drums.

*Bergstrom Trading Co, 233 Broadway, N Y 7
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Sterone Corp, 250 W 57 St, N Y 19

POTASSIUM FERRIC OXALATE see Iron and Potassium Oxalate

POTASSIUM FERRICYANIDE (Potassium Prussiate, Red, Red Prussiate of Potash, Ferric Potassium Cyanide)

$K_3Fe(CN)_6$. Bright red cryst. or powd. Sp. gr. 1.894. Decomposes when heated. Sol. water; insol. alcohol. Uses—mfr. blue pigments, photographic and etching papers, leather, paper, fertilizers; mordant in dyeing and printing textiles; discharge in calico printing; quenching agent in tempering steel; mordant in dyeing wood; in electroplating. Grades—tech.; recrystallized.
● Pkg—25, 100, 350 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Browning Chem Corp, 150 Broadway, N Y 38
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
Fallek Products Co, 163 Broadway, N Y 6
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Philip A Hunt Co, Palisades Park, N J
*Hunt Chem Works, 271 Russell St, Bklyn, N Y
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Mutchler Chem Co, 258-259 Broadway, N Y
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 39 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
L B Russell Chem, 60 Orange St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sterone Corp, 250 W 57 St, N Y 19
*F H Taussig, 175 W 76 St, N Y 23
George Uhe Co, 76 9 Ave, N Y 11

POTASSIUM FERROCYANIDE (Potassium Prussiate, Yellow, Yellow Prussiate of Potash, Ferrous Potassium Cyanide)

$K_4Fe(CN)_6.3H_2O$. Lemon-yellow cryst. or powd. Sp. gr. 1.8533 (17°C.). Decomposes when heated. Sol. water. Uses—mfr. potassium cyanide and other cyanides, Prussian blue, pigments, explosive compositions: case-hardening and tempering steel; laboratory reagent; mordant and reagent in dyeing and printing textiles; engraving and lithography; electroplating reagent; in medicine. Grades—tech.; recrystallized; C.P.
● Pkg—100, 370 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Arnida Products Co, 15 Whitehall St, N Y 4
*J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Browning Chem Corp, 150 Broadway, N Y 38
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
Hunt Chem Works, 271 Russell St, Bklyn, N Y
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

POTASSIUM FLUOBORATE

KBF_4. M.W. 125.92. Sol. water, alcohol.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

POTASSIUM FLUORIDE

KF. M.W. 58.1. Colorless, cryst., hygroscopic powd. M.P. 880°C. Sp. gr. 2.48. Sol. water. Uses—mfr. ant powders; as a disinfectant; in etching of glass; as a preservative.
●Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Henry Sundheimer Co, 103 Park Ave, N Y 17

POTASSIUM FORMATE

$KCHO_2$. M.W. 84.2. Colorless deliq. cryst. M.W. 97°C. Sol. water.
●Pkg—Custom packed.

Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

POTASSIUM GLUCONATE

$C_5H_6(OH)_5COOK$. M.W. 234.25. White crystalline powd. Sol. water. Uses—medicinal.
●Pkg—25, 50, 100 lb. drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

POTASSIUM GLYCEROPHOSPHATE

$K_2C_3H_7PO_4.3H_2O$. M.W. 302.3. A thick, yellowish syrup. Sol. all prop. water; insol. in alcohol. Uses—pharmaceutical.
●Pkg—25, 50 lb. tins, 50 lb. carboys.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

POTASSIUM GOLD CYANIDE

$KAu(CN)_2$. White, crystalline powd.; sol. in water; 41% gold content min.; insol. in potassium cyanide sol. Uses—gold plating.
●Pkg—Custom packed.

*Baker & Co, 113 Astor St, Newark 5, N J
City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Phillips & Jacobs, 622 Race St, Phila 6, Pa

POTASSIUM GUAIACOL SULFONATE

$HOC_6H_3OCH_3SO_3K$. Fine white powd. Sol. water; sl. sol. alcohol. Uses—mfr. fine chemicals, pharmaceuticals; in medicine.
●Pkg—25, 50, 300 lb. drums.

American Roland Corp, 16 Hudson St, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

POTASSIUM HYDRATE see Potassium Hydroxide

POTASSIUM HYDROXIDE (Caustic Potash, Potassa, Potassium Hydrate, Kalilange)

KOH. M.W. 56.11. White, deliq. crystalline, solid, flake, or sticks. Sp. gr. 2.044. M.P. 380°C. B.P. sublimes at white heat. Sol. water, alcohol, ether. Uses—potassium salts, oxalic acid, match head compositions, textile and toilet soaps, detergents, paper, perfume preparations, printing inks, dry colors; bleaching textiles; mercerizing cotton; laboratory reagent; in electroplating, photo-engraving and lithography; in medicine. Grades—tech. (88-92%); (73-75%); U.S.P.; C.P.; commercial—fused, broken, granulated and flake; in solution; purified by alcohol—sticks, lumps and drops; reagent.
●Pkg—700 lb. drums.

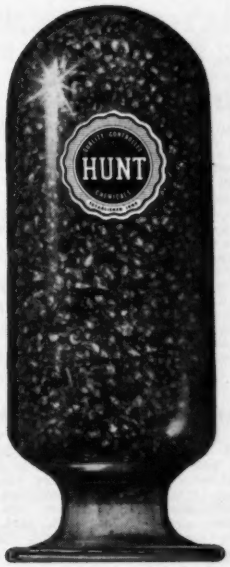
Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Quinine Co, 15 William St, N Y 5
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Bergstrom Trading Co, 233 Broadway, N Y 7
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*E S Browning Co, 1515-1555 3 St, San Francisco, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Conray Products Co, 510 Ave of the Americas, N Y 11
Cornwell Chem Corp, 24 E 38 St, N Y
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Niagara Alkali Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17

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POTASSIUM HYDROXIDE,
U.S.P. and Reagent, Pellets and Sticks

SODIUM HYDROXIDE,
N.F. and Reagent, Pellets and Sticks

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Potassium Ferricyanide

$K_3Fe(CN)_6$

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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CAUSTIC POTASH

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•

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Available in 675 lb. drums and tank cars

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Caustic Potash • Carbonate of Potash
Potassium Chloride refined and technical grades • Sulfate of Potash
Liquid Chlorine • Ferric Chloride
Hydrochloric Acid

INTERNATIONAL MINERALS & CHEMICAL CORPORATION

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General Offices: 20 North Wacker Drive, Chicago 6
61 Broadway, New York 6

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for CAUSTIC POTASH

Depend on Niagara Alkali Company—first producer of Caustic Potash in America—for purity and quality.

NIAGARA ALKALI COMPANY
60 East 42nd Street, New York 17, New York

NIALK® Liquid Chlorine • NIALK Caustic Potash • NIALK Carbonate of Potash
NIALK Caustic Soda • NIALK Paradichlorobenzene • NIALK TRICHLORethylene
NIAGATHAL® (Tetrachloro Phthalic Anhydride)

POTASSIUM HYDROXIDE, continued

Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*White Cross Labs, 79 Wall St, N Y

POTASSIUM HYPOMANGANATE see Potassium Permanganate

POTASSIUM HYPOPHOSPHITE

KPH_2O_2. M.W. 104.16. White, deliq. powd. or opaque, white cryst. Uses—medicinal.
● Pkg—25, 50 lb. drums.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Rosenthal Bercow Co, 25 E 26 St, N Y

POTASSIUM IODATE

KIO_3. M.W. 214.02. Colorless, regular, deliq. cryst. M.P. 560°C. (Decomp.) Sol. water; insol. alcohol. Used as a reagent for volumetry and medicinally as an antiseptic.
● Pkg—Bottles.

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

POTASSIUM IODIDE (Lugol Solution)

KI. M.W. 166.02. White, colorless cryst. Sp. gr. 3.123. M.P. 723°C. B.P. 1330°C. Sol. alcohol, glycerol, water. Uses—mfr. photographic emulsions, soaps; solvent iodine; reagent in laboratory, making iodides, engraving, lithography, organic chemicals, intermediates, dyestuffs, parmaceuticals; chemical film on silver; in medicine. Grades—U.S.P.; cryst., powd. and granular.
● Pkg—Bottles, 25, 50, 100, 250, 300 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bergstrom Trading Co, 233 Broadway, N Y 7
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
De Bear Inc, 636 11 Ave, N Y 36
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Chem Div, 40 Rector St, N Y 6
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11

POTASSIUM IODIDE MIXTURE

KI Mol. wt. 166.02. Colorless or white, cubical crystals, white granules, or powd. Sl. deliq. in moist air. Uses—medicinal and industrial—mfr. photographic emulsions; in animal and poultry feeds; in salt and in some drinking water.

*J T Baker Chem Co, Phillipsburg, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

POTASSIUM LACTATE

$CH_3CHOHCOOK$. M.W. 128.16. Uses—chem. synthesis; freezing point depressant.

*American Maize Products Co, 100 E 42 St, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Sheffield Chem Co, P O Box 630, Norwich, N Y

POTASSIUM NAPHTHENATE

Gray paste. Uses—in driers; as an emulsifying agent.

*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

POTASSIUM NITRATE (Saltpetre, Nitre, Salprunella)

KNO_3. Colorless or white cryst. Natural and manufactured. Sp. gr. 2.1062 (10.6°C.). M.P. 337°C. Decomposes at 400°C. Sol. water. Uses—mfr. match head and pyrotechnic compositions, dynamite, black powd., fertilizers, glass, ceramic glazes, candles, candle wicks; in metallurgy; curing meats; processing tobacco; pickling; laboratory reagent; in medicine. Grades—U.S.P.; C.P.; pure double refined; pure triple refined; tech.; powdered; cryst.; granulated.
● Pkg—Bags, kegs, 100 lb. drums, 425 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Cole Labs, 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Croton Chem Corp, 114 Liberty St, N Y 6
*Davies Nitrate Co, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
*Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

POTASSIUM NITRITE

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
Croton Chem Corp, 114 Liberty St, N Y 6
*General Chem Div, 40 Rector St, N Y 6
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y

POTASSIUM OLEATE

$C_{17}H_{33}COOK$. Gray-tan paste. Uses—mfr. textile soaps; as an emulsifying agent.
● Pkg—400 lb. drums.

*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

POTASSIUM OXALATE

$K_2C_2O_4H_2O$. Colorless transparent cryst. Sp. gr. 2.08. Decomposes when heated. Sol. water. Uses—mfr. oxalic acid, stain removing compositions, pyrotechnics, matches; bleaching straw; photographic developer; laboratory reagent; in medicine. Grades—tech.; neutral; C.P.
● Pkg—25, 50, 100 lb. drums, 300, 400 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Hummel Chem Co, 90 West St, N Y 6
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

POTASSIUM OXYMURIATE POTASSII CHLORAS see Potassium Chlorate

POTASSIUM OXYQUINOLINE SULFATE

● Pkg—Drums.

*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*B L Lemke & Co, 199 Main St, Lodi, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59

POTASSIUM PERCHLORATE

$KClO_4$. M.W. 138.56. Colorless cryst. Sp. gr. 2.524 (10.8°C). M.P. 400°C. Sl. sol. water; insol. alcohol. Uses—mfr. commercial and military explosives; oxidizing agent and reagent; in medicine. Grades—tech.
● Pkg—100, 110, 200, 225, 550 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Cardox Corp, 307 N Michigan Ave, Chicago 1, Ill
Croton Chem Corp, 114 Liberty St, N Y 6
Duff Chem Co, 342 Madison Ave, N Y 17
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Hummel Chem Co, 90 West St, N Y 6
*International Selling Corp, 122 E 42 St, N Y 17
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Joseph Turner & Co, Ridgefield, N J

POTASSIUM PERIODATE

KIO_4. M.W. 230.0. A colorless, rhombic crystalline powd. M.P. 582°C. Sl. sol. water. Uses—in a color reagent for manganese.
● Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

POTASSIUM m-PERIODATE

KIO_4. M.W. 230. White powd. Uses—colorimetric determination of manganese; oxidation and determination of certain types of organic compounds. L. Sol. hot water.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

POTASSIUM PERMANGANATE (Potassium Hypomanganate, Purple Salt)

$KMnO_4$. Dark purple cryst. Sp. gr. 2.7032 (99°C). Decomposes at 240°C. Sol. water, sulfuric acid, acetic acid and alcohol. Uses—mfr. lithopone; oxidizing agent in making dyestuffs, intermediates, organic chemicals, pharmaceuticals, synth. perfumes and saccharin; bleaching and deodorizing agent for oils, fats, resins and waxes; purifying ammonia; preserving wood; purifying carbon dioxide for effervescent drinks; gray colors on copper; in brewing; bleaching silk, straw, etc.; tanning leather; photographic and laboratory reagents; coloring wood and textiles, brown shades; absorbent for military gases; deodorant and disinfectant; in medicine. Grades—tech.; C.P.; U.S.P.; cryst. (large and small).
● Pkg—100, 110, 600 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Arnida Products Co, 15 Whitehall St, N Y 4
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5

Danitra
NITRATES
POTASSIUM
SODIUM
BARIUM
STRONTIUM
Davies Nitrate Co.
INCORPORATED
● 118 LIBERTY STREET NEW YORK 6, N. Y.

OLDBURY
ELECTRO-CHEMICAL COMPANY
POTASSIUM PERCHLORATE

SODIUM CHLORATE	POTASSIUM CHLORATE
PHOSPHORIC ACID 85% NF IX	OXALIC ACID
PHOSPHORUS OXYCHLORIDE	PHOSPHORUS PENTACHLORIDE
PHOSPHORUS TRICHLORIDE	PHOSPHORUS PENTASULFIDE
PHOSPHORIC ANHYDRIDE	PHOSPHORUS (Yellow or White)

PHOSPHOROUS ACID
HYPOPHOSPHITES ZINC PHOSPHIDE
ALKYL ACID PHOSPHATES
(ALKYL PHOSPHORIC ACIDS)

PLANT AND MAIN OFFICE
Niagara Falls, N. Y.
NEW YORK OFFICE 19 Rector St. New York 6, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

POTASSIUM PHOSPHATES

Monopotassium Phosphate
Tripotassium Phosphate
Tetrapotassium Pyrophosphate
Potassium Metaphosphate
Potassium Tripolyphosphate

VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago 4, Ill.
Phone: HArrison 7-3541

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Dependable Name in
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FLUORIDE

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NEW YORK 13, N. Y.
ALgonquin 5-7300
Plant and Warehouse: Hicksville, L. I.

POTASSIUM PERMANGANATE

also makers { *Calcium, Sodium, Zinc, Magnesium, Barium, etc., Permanganates*

HYDROQUINONE
MANGANESE SULFATE

Sodium Benzoate Benzoic Acid

Blue Black Precipitated Manganese Dioxide

Write for Samples and Prices on Consumers' Quantities

CARUS CHEMICAL CO., Inc.
Box R.B. 364-53
LaSalle, Ill.

POTASSIUM PERMANGANATE continued

C B Coburn Co, 63 Market St, Lowell, Mass
Consumers Products Co, 99 Hudson St, N Y 13
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
United Sterling Chem Corp, 350 5 Ave, N Y 1
George J Wiesner Co, 150 Nassau St, N Y 38
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

POTASSIUM PERSULFATE (Anthion)

$K_2S_2O_8$. Colorless cryst. Decomposes below 100°C. Sl. sol. water. Uses—mfr. soaps; general bleaching and oxidizing agents; photographic reagent; in medicine. Grades—C.P.; tech.
● Pkg—100, 250 lb. bbls., 300 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
Joseph Turner & Co, Ridgefield, N J

POTASSIUM PHENYLACETATE

$C_6H_5CH_2COOK$. M.W. 174.23. Light yellow liq. Precursor in the mfr. of penicillin G.
● Pkg—500, 540 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Gane & Ingram, 43 W 16 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Trubek Labs, State Hway #17, E Rutherford, N J

POTASSIUM o-PHOSPHATE see Potassium Phosphate, Tribasic

POTASSIUM PHOSPHATE, DIBASIC

K_2HPO_4. M.W. 174.18. White, deliq. cryst. or powd. Very sol. in water and alcohol. Uses—analytical reagent; textile assistant, especially for wool.
● Pkg—Bags, drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Chemical Mfg Co, 444 Madison Ave, N Y 22
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

POTASSIUM PHOSPHATE, MONOBASIC

KH_2PO_4. M.W. 136.14. Sp. gr. 2.338. M.P. 256° C. Sol. water; insol alcohol. Uses—plant food.
● Pkg—Bags, drums.

*J T Baker Chem Co, Phillipsburg, N J
Chemical Mfg Co, 444 Madison Ave, N Y 22
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

POTASSIUM PHOSPHATE, TRIBASIC (Potassium o-Phosphate)

K_3PO_4. M.W. 212.27. White, rhombic cryst. or powd. Sl. sol. in water; insol in alcohol. M.P. 1340°C. Uses—analytical reagent; mfr. fertilizer compounds.
● Pkg—275, 300, 400 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Chemical Mfg Co, 444 Madison Ave, N Y 22
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

POTASSIUM POLYMANNURONATE see Potassium Alginate

POTASSIUM PRUSSIATE RED see Potassium Ferricyanide

POTASSIUM PRUSSIATE YELLOW see Potassium Ferrocyanide

POTASSIUM PYROPHOSPHATE, TETRA

$K_4P_2O_7$. M.W. 384.49 (tri-hydrate). White, crystalline solid. Very sol. water. Uses—clarifying agent for liq. soaps and shampoos; mfr. degumming oils for silk hosiery; mfr. textile oils, soaps.
● Pkg—100 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
Chemical Mfg Co, 444 Madison Ave, N Y 22
Enco Chem Corp, 441 Lexington Ave, N Y 17
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

POTASSIUM PYROSULFATE

$K_2S_2O_7$. M.W. 254.3. A white crystalline powd. Sol. water. M.P. about 325°C. The aq. sol. is strongly acid.
● Pkg—1 lb. bottles, 25, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Frank Samuel & Co, 24 State St, N Y 4

POTASSIUM PYROSULFITE see Potassium m-Bisulfite

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

POTASSIUM RESINATE

*Crosby Chem, P O Box 32, De Ridder, La
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

POTASSIUM RHODANIDE see Potassium Thiocyanate

POTASSIUM RICINOLEATE

$C_{17}H_{32}COOK$. White paste. Uses—as an emulsifying agent.
● Pkg—55 gal. drums.
*Baker Castor Oil Co, 120 Broadway, N Y 5

POTASSIUM SALICYLATE

$C_6H_4(OH)COOK$. M.W. 176.18. White powd. Sol. water, alcohol. Uses—medicine.
● Pkg—5, 25 lb. cartons.
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

POTASSIUM SILICATE (Potash Water-Glass)

$K_2O.4SiO_2$; anhydrous K_2SiO_3 is not available commercially. First formula available either at 30°B. liq. or as a glass requiring special apparatus for dissolving. M.P. probably about 1050°C. Sol. water. Uses—mfr. glass, soap, cements, paints; dyeing and bleaching. Grades—tech.
● Pkg—Powder—100 lb. bags, 450, 500 lb. bbls., drums liquid—1, 5, 55 gal. drums.
City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

POTASSIUM SILICO FLUORIDE

K_2SiF_6. M.W. 220.5. A white powd. Sol. water. Uses—in the mfr. of metallic silicon.
● Pkg—100 lb. bags, 125, 400, 425 lb. drums.
*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17

POTASSIUM SODIUM TARTRATE (Rochelle Salt, Seignette Salt)

$KNaC_4H_4O_6.4H_2O$. Colorless cryst. or powd. Sp. gr. 1.77. M.P. 70-80°C. Loses water at 215°C. Sol. water. Uses—mfr. baking powd., pharmaceutical preps.: as laboratory reagent; silvering mirrors; electroplating reagent; in medicine. Grades—U.S.P.: tech: reagent.
● Pkg—100 lb. kegs, 25, 225, 250 lb. drums.
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Fallek Products Co, 163 Broadway, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

POTASSIUM STANNATE

$K_2Sn(OH)_6$ or $K_2SnO_3.3H_2O$. White to tan cryst which absorb CO_2 from the air. Sol. water. Decomposed by acids. Uses—electroplating and immersion plating of tin and tin alloys. Grades—tech.; C.P.
● Pkg—100, 350 lb. drums.
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Metal & Thermit Corp, 100 E 42 St, N Y 17

POTASSIUM STEARATE

$C_{17}H_{35}COOK$. White solid. Uses—base for textile softeners.
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
Joseph Turner & Co, Ridgefield, N J

DAVISON

Silicofluorides

Potassium Silicofluoride *Grade*—Technical: *Color*—White: *Odor*—None: *Appearance*—Crystalline Powder: K_2SiF_6—98% Min. Water Insoluble: Used in Chemical Intermediate, Insecticide, Aluminum Metallurgy, Enamel & Glass Manufacturing.

Ammonium Silicofluoride *Grade* — Technical: *Color* — White: *Appearance* — Fine Crystal: $(NH_4)_2SiF_6$—98% Min. Water Soluble: Used in Laundry Sour, Disinfectant, Moth Proofing, Casting Compound.

Magnesium Silicofluoride *Grade* — Technical: *Color* — White: *Appearance* — Granular Crystal: $MgSiF_6H_2O$—98% Min. Water Soluble: Used in Concrete Hardening, Ceramics.

Zinc Silicofluoride *Grade*—Technical: *Color*—White: *Appearance*—Granular Crystal: $ZnSiF_6H_2O$—98% Min. Water Soluble: Used in Laundry Sour, Concrete Hardening, Wood Preservation, Mothproofing.

Sodium Silicofluoride *Grade*—Technical: *Color*—White: *Odor*—None: *Appearance*—Crystalline Powder: Na_2SiF_6—98% Min. Slightly Water Soluble: Used in Ceramics, Laundry Sour, Insecticide, Opalescent Glass, Metal Refining, Porcelain Enamel.

Organic Silicofluorides

Methylamine Silicofluoride Molecular Weight—206: Fluorine (F) Content—55.2%: pH 5% Water Solution—4.0: Solubility in H_2O—208 g/100 ml.: Solubility in 95% Ethyl Alcohol—1.84 g/100 ml.: Melting Point—> 232°C.: Appearance—White Crystalline Solid: Odor—Slightly Amine: Slightly Hygroscopic: Stable to Hydrolysis at Elevated Temperatures.

Dibutylamine Silicofluoride Molecular Weight—402: Fluorine (F) Content—28.5%: pH 5% Water Solution—4.2: Solubility in H_2O—47.1 g/100 ml.: Solubility in 95% Ethyl Alcohol—75.3 g/100 ml.: Melting Point—177-182°C.: Appearance—White Crystalline Flakes: Odor—None: Non-Hygroscopic: Stable to Hydrolysis at Elevated Temperatures.

Ethylhexylamine Silicofluoride Molecular Weight — 626.9: Fluorine (F) Content — 18.2%: pH (Sat. < 1%) Water Solution—2.8: Sparingly Soluble—Water and Acetone: Slightly Soluble in Following Solvents: Benzene • Cellusolve: Very Soluble in Following Solvents: Ethyl Alcohol • Stoddard's Solvents • Perchlorethylene • Methyl Alcohol • Isopropyl Alcohol • n-Butyl Alcohol • Carbon Tetrachloride: Melting Point—174-188°C.: Appearance—Almost colorless, wax-like solid: Odor—None: Non-Hygroscopic.

Aniline Silicofluoride Molecular Weight—330: Fluorine (F) Content—33.8: pH 5% Water Solution —2.7: Solubility in Water—4.33 g/100 ml.: Solubility in 95% Ethyl Alcohol—0.159 g/100 ml.: Melting Point—(Sublimes)—230°C.: Appearance—Blue-Gray Crystalline Solid: Odor—Slight:Non-Hygroscopic.

"Rosin Amine" Silicofluoride Molecular Weight—719: Fluorine (F) Content—15.65%: ph Saturated Water Solution—3.2: Solubility in Water and Ethyl Alcohol—Insoluble: Solubility in 80% n-Butyl Alcohol, 20% Water—1.46 g/100 ml.: Melting Point—> 225°C.: Appearance—Light Tan Crystalline Solid: Odor—Faint: Non-Hygroscopic.
"Rosin amine" is a mixture of this and similar constituents in which the number and location of double bonds vary.

Morpholine Silicofluoride Molecular Weight—318: Fluorine (F) Content—34.5%: pH 5% Water Solution—3.2: Solubility in Water—319 g/100 ml.: Solubility in 95% Ethyl Alcohol—0.348 g/100 ml.: Melting Point—46°-48°C.: Appearance—White Crystalline Solid: Odor—Faint. Slightly Hygroscopic: Stable to Hydrolysis at Elevated Temperatures. *T.M. Reg. U. S. Pat. Off.

The above compounds have potential uses such as:
Insecticides • Fungicides • Mildewcides • Mothproofing Agents • Rubber Accelerators

For further information, write

Progress Through Chemistry

THE DAVISON CHEMICAL CORPORATION

Baltimore 3, Maryland

Producers of: Catalysts, Inorganic Acids, Superphosphates, Phosphate Rock, Silica Gels and Silicofluorides. Sole Producers of DAVCO* Granulated Fertilizers.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TITANIUM
POTASSIUM
FLUORIDE
(potassium fluo titanate)
●
TITANIUM
TETRA
FLUORIDE

KAWECKI
CHEMICAL COMPANY
INCORPORATED
220 East 42nd Street · New York 17, N.Y.

POTASSIUM SULFATE (Salt of Lemery, Tarcanum, Sal de Doubas, Tartarus Vitriolatus)

K_2SO_4. Colorless or white cryst. or powd. Sp. gr. 2.6633 (20°C). M.P. 1072°C sublimes. Sol. water. Uses—mfr. alums, inorganic chemicals, potassium carbonate, glass, potassium salts, mineral waters, perfumery; as laboratory reagent; in medicine. Grades—C.P.; medicinal; tech.; crude (fertilizer).

● Pkg—100 lb. bags, 25, 100, 350, 375 lb. drums

*Adams-Henry Chem Co, 32 Broadway, N Y 4
*American Potash & Chem Corp, 122 E 42 St, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
*Consolidated Chem Industries, 640 Mellie Esperson Bldg, Houston, Tex
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
*International Commodities Corp, 11 Mercer St, N Y 13
*International Minerals & Chem Corp, Potash Div, 20 N Wacker Dr, Chicago 6, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa

POTASSIUM SULFITE

$K_2SO_3.2H_2O$. M.W. 194.28. White crystals or crystalline powd. Sol. water; sl. sol. alcohol. Uses—photographic developers.

● Pkg—25, 100, 225 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Phillips & Jacobs, 622 Race St, Phila 6, Pa

POTASSIUM SULFOCYANIDE see Potassium Thiocyanate

POTASSIUM TARTRATE (Tartarus, Sal Vegetal, Soluble Tartar)

$K_2C_4H_4O_6{}^1/_2H_2O$. Colorless cryst. Sp. gr. 1.9715. Sol. water. Uses—mfr. potassium salts; as laboratory reagent; in medicine.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y

POTASSIUM STEARATE, continued

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

POTASSIUM TETRABORATE see Potassium Borate

POTASSIUM THIOCYANATE (Potassium Sulfocyanide, Potassium Rhodanide)

KCNS. M.W. 97.17. Colorless, deliq. cryst. Sp. gr. 1.886. M.P. 173.2°C. Decomposes at 500°C. Sol. water, alcohol, acetone. Uses—mfr. sulfocyanides, cyanides, potassium derivatives, thiourea, intermediates, organic chemicals, dyes, pharmaceuticals, artificial mustard oil, paint pigments; assistant in dyeing and printing textiles; as laboratory reagent; refrigerant. Grades—pure; purified reagent; tech.

● Pkg—25, 100, 225 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Rosenthal Bercow Co, 25 E 26 St, N Y

POTASSIUM THIOSULFATE

● Pkg—Custom packed.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*General Chem Div, 40 Rector St, N Y 6

POTASSIUM TITANIUM FLUORIDE

TiK_2F_6. White leaflets.

City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Kawecki Chem Co, 220 E 42 St, N Y 17

POTASSIUM TITANIUM OXALATE

$TiO(CO_2CO_2K)_2.2H_2O$. Greenish-white cryst. Sol. water. Uses—mordant in dyeing and printing textiles; mordant in dyeing leather. Grades—tech.; pure.

City Chem Corp, 132 W 22 St, N Y 11
*Lindsay Light & Chem Co, 258 Ann St, W Chicago, Ill
Philipp Bros Chem, 37 Wall St, N Y 5
Rohm & Haas Co, 712 Locust St, Phila 5, Pa
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

POTASSIUM TRIPOLYPHOSPHATE

Chemical Mfg Co, 444 Madison Ave, N Y 22
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

POTASSIUM XANTHATE

$KS_2COC_2H_5$. Solid. Sp. gr. 1.5576. B.P. 200°C. Sol. alcohol, water. Uses—as reagent in laboratory; soil fumigant; flotation agent. Grades—tech.; C.P.

● Pkg—250 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1

POTASSIUM XANTHOGENATE see Potassium Ethyl Xanthate

POTASSIUM ZIRCONIUM FLUORIDE

K_2ZrF_6. M.W. 283. White crystalline solid. Uses—alloying agent for aluminum and magnesium; mfr. of metallic zirconium and other zirconium compounds.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Kawecki Chem Co, 220 E 42 St, N Y 17

POTATO SPIRIT see Oil, Fusel

POTATO SPIRITS see Alcohol, Amyl (Normal)

POUR-POINT DEPRESSANTS

Preps. blended with lubricating oils which impart to the latter the ability to flow freely in winter and at low temperatures. It is claimed that the use of such products eliminates the necessity of dewaxing, permits the maintainance of a high viscosity index which in turn means lower consumption, easier starting, and less wear; also maintains high natural resistance to oxidation.

*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10

POWDERS, IRON

*Antara Chem Div, 435 Hudson St, N Y 14
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Hummel Chem Co, 90 West St, N Y 6
*Metals Disintegrating Co, Elizabeth B, N J

POWDERS, LEAD

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*Metals Disintegrating Co, Elizabeth B, N J

POWDERS, MAGNESIUM - ALUMINUM ALLOY

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
*Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Magna Mfg Co, 4 Ave, Haskell, N J
*Metals Disintegrating Co, Elizabeth B, N J

POWDERS, SOLDER

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Metals Disintegrating Co, Elizabeth B, N J
*Sindar Corp, 330 W 42 St, N Y 36

PRESERVATIVES

*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barrett Div, 40 Rector St, N Y 6
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Cidex Corp, 85 Franklin St, Jersey City 7, N J
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

PRESERVATIVES, BRICK, CEMENT, CONCRETE

Protective coatings of varying formulation used to increase the imperviousness of brick, etc., against the elements. Should offer higher degree of protection against water, acids, alkalies, fumes, etc.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Corning Corp, Midland, Mich
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Electric Co, Chem Div, Pittsfield, Mass
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

PRESERVATIVES, COSMETIC

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Eastman Chem Products, Kingsport, Tenn
*Game's Chem Works, 677 5 Ave, N Y 22
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hilton-Davis Chem Co Div, Sterling Drug Inc, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Sindar Corp, 330 W 42 St, N Y 36
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

PRESERVATIVES, FABRIC

Specialized coating and impregnating materials for textiles (sheetings, canvas, etc.), to prevent mildew, to act as a water and oil repellent, to prevent deterioration of the fabric, etc.

*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Hilton-Davis Chem Co Div, Sterling Drug Inc, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Joy Chem, 133 Webster St, Pawtucket, R I
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

PRESERVATIVES, FOOD

Substances added to foods, beverages, confectionery, ice-creams, etc., to prevent development of mold, bacteria, decay and rancidity, and to retain the natural color, flavor, odor, taste, appearance, and original food value. Such products must be harmless to human beings and animals in the quantities employed and are under the surveillance and jurisdiction of the Pure Food and Drug Administration of the Federal Government and also state and local Departments of Health.

Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
Consumers Products Co, 99 Hudson St, N Y 13
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

PRESERVATIVES, GUM

Products added to natural gums to prevent the growth of mold, rancidity, etc.

*Antara Chem Div, 435 Hudson St, N Y 14
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eastman Chem Products, Kingsport, Tenn
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Sindar Corp, 330 W 42 St, N Y 36
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*R T Vanderbilt Co, 230 Park Ave, N Y

PRESERVATIVES, LEATHER

Preps. formulated to treat leather to retard the natural drying-up of the oils and greases which provide the natural flexibility to the leather; to keep it from becoming hard and brittle and to correct such conditions in old leather by restoring such oils through penetration of the pores.

*Angier Products, 120 Potter St, Cambridge 42, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dow Chem Co, Midland, Mich
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Hilton-Davis Chem Co Div, Sterling Drug Inc, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*London Chem Co, 325 W 32 St, Chicago 16, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Sindar Corp, 330 W 42 St, N Y 36
*R T Vanderbilt Co, 230 Park Ave, N Y

PRESERVATIVES, ROPE AND NET

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barrett Div, 40 Rector St, N Y 6
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Dow Chem Co, Midland, Mich
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Joy Chem, 133 Webster St, Pawtucket, R I
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*Sindar Corp, 330 W 42 St, N Y 36
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Textile Proofers, 181-193 Culver Ave, Jersey City 5, N J
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zinsser & Co, Hastings-on-Hudson, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

PRESERVATIVES, WOOD

Chemicals and proprietary products used to retard disintegration of wood through the action of water, oil, acids, alkalies, insect and fungi attack, etc., to provide a protective coating. Wood floor preservatives prevent warping, splintering, cracking, rotting.

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Marietta Co, Adhesive Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Central Solvents & Chem Co, 2545 W Congress St, Chicago, Ill
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chemiseal Co, 9516 Burnette St, Detroit 4, Mich
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa

ZIRCONIUM POTASSIUM FLUORIDE
•
ZIRCONIUM AMMONIUM FLUORIDE
•
ZIRCONIUM TETRA FLUORIDE

KAWECKI CHEMICAL COMPANY
INCORPORATED
220 East 42nd Street · New York 17, N. Y.

Eastman



food preservatives

Tenox BHA
a highly purified butylated hydroxyanisole approved as an antioxidant for food use

Tenox PG
Eastman food inhibitor grade n-propyl gallate

Tenox II
a combination food antioxidant containing Tenox BHA and synergists in a diluent

Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: **See Catalog Section**

PRESERVATIVES, WOOD, continued

*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Monsanto Chem Co, Western Div, 911 Western Ave, Seattle 4, Wash
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
*Ruberoid Co, 500 5 Ave, N Y 36
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Scientific Oil Compounding Co, 1637 S Kilbourn Ave, Chicago 23, Ill
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zinsser & Co, Hastings-on-Hudson, N Y

PRE-SPOTTERS, DRY-CLEANING

Specialized soaps for removing stains which would be "set" by heat or not removed in the regular dry-cleaning operation. Stains most likely to become hard-set by heat may be grouped into three classifications: 1. Those which coagulate by heat, including many substances containing albumen such as blood, various foodstuffs, medicine, etc.; 2. Those which are oxidized by heat, including such substances as salad oil, cooking oil, and other unsaturated drying or semi-drying oils; 3. Those which become an integral part of the fibres when heated, including substances containing tannic acid, such as soft drinks, liquor, beer, some wines, fruit juices, grass and flower stains, tobacco, certain perfumes, coffee, tea, medicine, and photographic developing fluids.

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Antara Chem Div, 435 Hudson St, N Y 14
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Dixo Co, 225 River Rd, Garfield, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Wallerstein Co, 180 Madison Ave, N Y 16

PREVENTIVES, SLIME

*Anderson-Stolz Corp, 1731-33 Walnut St, Kansas City 8, Mo
*Antara Chem Div, 435 Hudson St, N Y 14
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oakite Products, 19 Rector St, N Y 6
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Utility Chem Co, 145 Peel St, Paterson 4, N J

PRIMERS, LACQUERS

Specially formulated products that fill the pores and microscopic imperfections of a surface providing a smooth, uniform base for the overcoat, and that act as a bond between finish and the article itself. Different types of primers are generally necessary for wood and metal.

*Bell Chem Co, 25 W 44 St, N Y 36
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

PRIMERS, PAINT, METAL

Protection against corrosion is of paramount importance; primers for metal surfaces are very often formulated with 97% grade of red lead pigment for max. durability.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*J Landau Co, 221 Wooster St, N Y 12
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

PRIMERS, PAINT, WOOD

A base seal and foundation coating which assists a bond between new wood and the finish coat; also provides a smooth surface to checked, spotted old wood surfaces before the addition of the final finish coat.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Kepec Chem Corp, 1454 N 4 St, Milwaukee 1, Wis
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

PRIMERS, ROOFING

Preps. applied to new roofs and to old, weather-beaten, dried-out roof surfaces to seal any open pores or voids in the surface, and to act as a bonding agent between the roof and the finish coat or coats.

*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

PRINTERS' ACETATE see Aluminum Acetate (Basic)

PRIVATE FORMULAS

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Development Corp, Endicott St, Danvers, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
Desmo Chem Corp, 607 5 Ave, N Y 17
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gane & Ingram, 43 W 16 St, N Y 11
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*R Gesell, 200 W Houston St, N Y 14
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*V & E Kohnstamm, 329 Canal St, N Y 13
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Superior Materials, 120 Liberty St, N Y 6
*Thompson Chem Co, 90 Menon Ave, Pawtucket, R I
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

PRIVATE FORMULAS, AGRICULTURE SPECIALTIES

Companies listed below mfr. for others under private label agricultural chemical specialties such as insecticides, fungicides, mixed fertilizers, etc.

*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Davies Nitrate Co, 114 Liberty St, N Y 6
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Feed Service Corp, Berks Siding, Crete, Neb
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Planetary Chem Co, Ballas Rd & Missouri Pacific R R, Creve Coeur, Mo
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

PRIVATE FORMULAS, HOUSEHOLD SPECIALTIES

Companies listed below mfr. for others under private label household specialties such as metal, furniture and shoe polishes, cleaners, soaps, drain-pipe solvent, fly-sprays, insecticides, disinfectants, floor polishes, household paints, enamels, etc.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Benio Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Davies Nitrate Co, 114 Liberty St, N Y 6
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Ultra Chem Works, 2 Wood St, Paterson, N J

PRIVATE FORMULAS, INDUSTRIAL SPECIALTIES

Companies listed below mfr. for others under private label a wide variety of industrial specialties used in the textile, rubber, glass, ceramic, paper and metal industries, also industrial paints, lubricants, greases, pastes, adhesives, etc.

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Benio Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Catalin Corp of America, 1 Park Ave, N Y 16
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chem Development Corp, Endicott St, Danvers, Mass
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Davies Nitrate Co, 114 Liberty St, N Y 6
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 46, Mass
*Edwal Labs, Ringwood, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone, Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Joy Chem, 133 Webster St, Pawtucket, R I
*Klem Chem, 14401 Lanson, Dearborn, Mich
*V & E Kohnstamm, 329 Canal St, N Y 13
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Maxim Chem Co, 44 Cliff St, N Y 38
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Superior Materials, 120 Liberty St, N Y 6
*Thomoson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

PRIVATE FORMULAS, MEDICINAL SPECIALTIES

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Gane & Ingram, 43 W 16 St, N Y 11
*R Gesell, 200 W Houston St, N Y 14
*Maxim Chem Co, 44 Cliff St, N Y 38
*Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo
*Silas & Co, 3117 W Venice Blvd, Los Angeles 19, Cal
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

PRIVATE FORMULAS, PAINTS

Companies listed below are prepared to mfr. for others under private label paints, enamels, coatings, lacquers, finishes, varnishes, etc.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Alfred Hague & Co, 227 34 St, Bklyn 32, N Y
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*J Landau Co, 221 Wooster St, N Y 12
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Superior Materials, 120 Liberty St, N Y 6

PRIVATE FORMULAS, SOAPS

Companies listed below are prepared to mfr. for others under private label household and industrial soaps, soap powd., liquid soaps, detergents, cleaners, etc.

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Benio Chem, 1907-25 S 89 St, Milwaukee 14, Wis
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*Klem Chem, 14401 Lanson, Dearborn, Mich
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Thompson Hayward Chem Co, 2915 Southwest Blvd Kansas City 8, Mo
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

PROCAINE BASE

$C_{13}H_{20}O_2N_2$. M.W. 236.17. From ac. alcohol it crystallizes with $2H_2O$. White, odorless, cryst. powd.; sl. bitter taste; applied to the tongue causes transitory benumbing sensation. Melts 59-61°C. Sl. sol. in water; sol. in alcohol and chloroform.
● Pkg—Bottles, 10, 25, 50, 100 lb. drums.

*Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Desmo Chem Corp, 607 5 Ave, N Y 17
*Gane & Ingram, 43 W 16 St, N Y 11
H W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*B L Lemke & Co, 199 Main St, Lodi, N J
McKesson & Robbins, 155 E 44 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Purocaine Inc, Valley Rd, Hockessin, Del
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

PROCAINE HYDROCHLORIDE (Aminobenzoyl-Diethylamino-Ethanol Hydrochloride, Ethocaine, Novocaine, Syncaine, Kerocaine)

$C_6H_4NH_2COOCH_2CH_2N(C_2H_5)_2.HCl$. Small, colorless cryst. or white crystalline powd. Odorless. M.P. 153-156°C. Sol. water, alcohol; slightly sol. chloroform. Insol. ether. Uses—medicine.

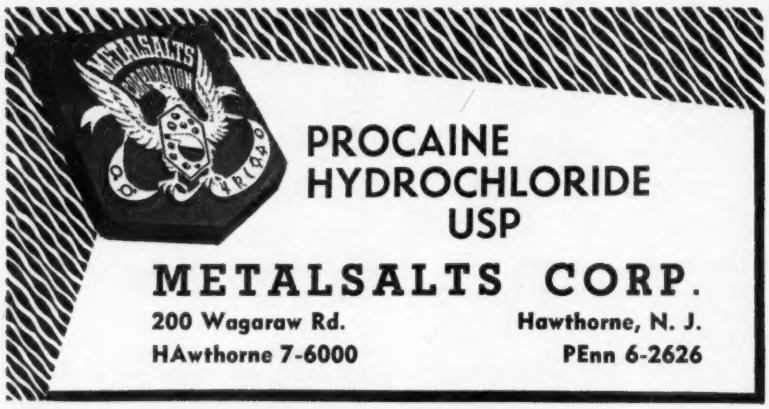
American Roland Corp, 16 Hudson St, N Y
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13

PROCAINE HYDROCHLORIDE U.S.P.
and other FINE CHEMICALS
PENICILLIN PRECURSORS
MEDICINAL CHEMICALS

Philip J. La Bue Company
CHEMICALS
277 Park Avenue New York 17, N.Y. Telephone: MU. 8-8087

GI
PROCAINE HYDROCHLORIDE U.S.P.
PENICILLIN PRECURSORS
Methyl Phenyl Acetate Beta Phenylethylamine
Phenyl Acetamide Potassium Phenyl Acetate
FACTORY: NEWARK, N. J.
Phone: WA 4-9404
GANE & INGRAM, INC.
Manufacturing Chemists
43 West 16 Street, New York 11, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section



PROCAINE HYDROCHLORIDE, continued

Phillip Bauer Co, 608 5 Ave, N Y 20
*Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
*Merck & Co, Rahway, N J
*Metalsalts Corp, 200 Wagaraw Rd, Hawthorne, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Purocaine Inc, Valley Rd, Hockessin, Del
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

PROGESTERONE

$C_{21}H_{30}O_2$. M.W. 314.45. Solid. M.P. 127-131°C. Uses—in medicine as the corpus luteum hormone.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Organics Inc, 1724 W Greenleaf, Chicago 26, Ill
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Sterone Corp, 250 W 57 St, N Y 19

PUROCAINE PRODUCTS

PROCAINE HYDROCHLORIDE USP
PROCAINE BASE
EPINEPHRINE USP
PABA USP and SALTS
dl-CAMPHORIC ACID C.P.
CYCLOFORM

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MANUFACTURING CHEMISTS
Offices, Plant, & Laboratories
Hockessin, Delaware

Phone Hockessin 7422

PROPANE

C_3H_8. M.W. 44.06. Colorless gas, dens. (air=1), 1.56. F.P. —189.9°C. B.P. —44.5°C. Sol. alcohol, ether; slightly sol. water. Uses—as refrigerant.
● Pkg—Cylinders.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co Del, 401-407 Dewey Ave, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Penola Oil Co, 15 W 51 St, N Y 19
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Oil Co, 50 W 50 St, N Y 20
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

PROPANEDIOL see Propylene Glycol

PROPANETRIOL see Glycerine

PROPANOL see Alcohol, Propyl

PROPANONE see Acetone

PROPENAL see Acrolein

PROPENE see Propylene

PROPENE NITRILE see Acrylonitrile

PROPENE OXIDE see Propylene Oxide

PROPENOL see Alcohol, Allyl

PROPENYLCARBINOL see Alcohol, Crotyl

PROPHENYL HYDRATE see Glycerine

b-PROPIOLACTONE

$C_3H_4O_2$. M.W. 72. Purity 96%. B.P. 51°C. M.P. —33.4°C. Refractive Index (n D). 1.4131. Dens. (d_{40}), 1.1460. Uses—prep. of Beta-substituted propionic acids.
● Pkg—Bottles, 5, 12 gal. carboys, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio

PROPIONALDEHYDE

$CH_3.CH_2.CHO$. M.W. 58.1. B.P. 48.8°C; Sp. gr. 0.8066; F.P. —81°C. Uses—mfr. rubber accelerators and synthetic resins; in propionic acid synthesis; as a disinfectant and preservative.
● Pkg—370 lb. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

PROPIONAMIDE NITRILE see Cyanoacetamide

PROPIONE see Diethyl Ketone

PROPIONIC ANHYDRIDE

$(C_2H_5CO)_2O$. M.W. 130.14. Colorless liq.; pungent odor. Sp. gr. 1.010 (15°C). M.P. —45° C. B.P. 167°C. Sol. alcohol, ether, chloroform, alkalies; insol. water. Uses—esterifying agent for cellulose, fats and oils, etc.; dehydrating medium for nitrations and sulfonations.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemtech Products Corp, 801 2 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PROPIONIC ESTERS see Ethyl Propionate

PROPIONYL CHLORIDE

CH_3CH_2COCl. Clear, colorless liq. having a sharp acid odor. Sp. gr. 1.061 at 15½°/15½°C. Uses—organic synthesis.
● Pkg—5 gal. carboys.

J M Baird Co, 254 W 31 St, N Y 1
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Trubek Labs, State Hway #17, E Rutherford, N J

PROPIOPHENONE see Phenyl Ethyl Ketone

n-PROPYL ACETATE

$C_3H_7OOCCH_3$. Clear, colorless liq. having pleasant odor. Sp. gr. 0.897. Flash point, 68°F. Boiling range 96.0-102.0°C. Uses—flavoring, perfumery, solvent organic synthesis.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
Kingston Chem Co, 15 William St, N Y 5
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

n-PROPYLAMINE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PROPYLCARBINOL BUTYLHYDROXIDE see Alcohol, n-Butyl

n-PROPYL BROMIDE

$CH_3CH_2CH_2Br$. M.W. 123. Liq. M.P. —110°C. B.P. 71°C. Sl. sol. water; miscible alcohol, ether.
●Pkg—5, 13 gal. carboys.
*Distillation Products Industries, 75 Ridge Rd W, Rochester, N Y

n-PROPYL CHLORIDE

C_3H_7Cl. M.W. 78.54. Colorless liq. B.P. 46.4°C. Very sl. sol. in water; sol. in alcohol, ether, and chloroform. Sp. gr. 0.890 at 20/4°C. Uses—prep. of other propyl compounds.
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PROPYL GALLATE

●Pkg—25, 50, 100, 200 lb. drums.
W W Angus, 220 Broadway, N Y 38
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Eastman Chem Products, Kingsport, Tenn
*Fine Organics, 211 E 19 St, N Y 3
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

n-PROPYL GALLATE

Theoretical M.W. 212. Light brown powd. M.P. 144-148°C. Insol. water or alcohol; sol. vegetable oils up to 2%. Uses—medicinal.
●Pkg—Drums.
Eastman Chem Products, Kingsport, Tenn
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Zinsser & Co, Hastings-on-Hudson, N Y

PROPYL IODIDE

C_3H_7I. M.W. 170.0. Colorless liq. B.P. 102°C. Sl. sol. water; sol. alcohol, ether. Uses—in organic synthesis.
●Pkg—Custom packed.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

p-PROPYL-m-CRESOL see Thymol

PROPYL OLEATE

$CH_3(CH_2)_7CHCH(CH_2)_7COOC_3H_7$. Yellow liq. F.P. —20°C. Insol. water; sol. oils and common organic solvents. Uses—special purpose lubricants, textile finishing compounds and other textile specialties.
●Pkg—55 gal. drums.
W W Angus, 220 Broadway, N Y 38
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

PROPYL STEARATE

W W Angus, 220 Broadway, N Y 38
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J

PROPYLENE (Propene)

C_3H_6. M.W. 42.1. Colorless gas. Sol. in water, alcohol or ether.
●Pkg—Cylinders.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

PROPYLENE ALDEHYDE see Crotonaldehyde

PROPYLENE CARBONATE

*Jefferson Chem Co, 260 Madison Ave, N Y 16

PROPYLENE CHLOROHYDRIN (Alcohol, Chlor Isopropyl, Chloropanol)

$CH_3.CHOH.CH_2Cl$. Colorless liq., faint ethereal odor Azeotropic water mixture approx. 46% concentration. Sp gr. 1.1155 at 20/20°C. B.P. 127°C. Wt. per gal approx. 9 lbs. Uses—organic synthesis for the introduction of the hydroxy-propyl group. Grades—tech.
●Pkg—1 gal. cans, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PROPYLENE DIAMINE

$NH_2CH(CH_3)CH_2NH_2$. M.W. 74.13. Colorless liq B.P. 119.7°C. Sol. in water and organic solvents. Sp gr. 0.872 at 20/20°C. Wt. per gal. 7.8 lbs. at 20°C Uses—in synthesis of certain medicinals, dyestuffs, rubber accelerators, and other special chemicals.
●Pkg—1 gal. cans, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

PROPYLENE DIBROMIDE (1, 2-Dibromopropane)

$CH_3CH_2CHBrCH_2Br$. M.W. 201.91. Colorless liq B.P. 141.6°C. Very sl. sol. in water; sol. in alcohol, ether, and chloroform. Sp. gr. 1.933 at 20/4°C. Uses—prep. pure propylene; special reagent in organic synthesis.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

PROPYLENE DICHLORIDE (1, 2 Dichloropropane)

$CH_3.CHCl.CH_2Cl$. Colorless liq. Sp. gr. 1.16 (15° C). B.P. 95.9°C. Wt. per gal., 9.6 lbs. (20°C) Insol. in water. Uses—solvent for oils, fats, waxes, gums and resins; liq. soap, cleaning and scouring compounds; spot removing compounds; extraction; reagent in organic synthesis. Grades—tech.
●Pkg—1 gal. cans, 5, 10, 55 gal. drums.
S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal

PROPYL GALLATE
(Goldschmidt)
ETHYL GALLATE

OUTSTANDING
ANTIOXIDANTS
UNIQUE STABILIZERS

Inhibit autoxidation, peroxide formation and consequent deterioration of oils, fats, ethers and other substances. Specify Goldschmidt Gallates, pure esters of Gallic Acid (3,4,5—trihydroxybenzoic-acid).

Potent in low concentrations

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Methyl, ethyl, propyl, butyl and benzyl parahydroxybenzoates. Effective bacteriostatic-fungistatic agents against a wide variety of microorganisms. Purified grade used in pharmaceuticals, parenteral solutions, cosmetics and other substances applied to the skin or taken internally. Technical grade used in industrial applications for preserving glues, gum solutions, pastes and polishes.

propyl gallate

Potent antioxidant for stabilizing edible fats and oils against the development of rancidity. Has Department of Agriculture approval for 0.01% in animal fats. Also useful to inhibit the deterioration of vitamin A, ethers, waxes and other products liable to auto-oxidation.

sodium benzoate • benzoic acid

U.S.P. grades as preservatives for foods and beverages. Technical benzoic acid for chemical syntheses; modification of alkyd resins; "carrier" for dyeing Dacron. Technical sodium benzoate shows promise as a corrosion-inhibitor in heat-exchange equipment.

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Celanese*
CHEMICALS

GLYCOLS

PROPYLENE GLYCOL, U.S.P.
PROPYLENE GLYCOL, Tech.
DIPROPYLENE GLYCOL
1, 3 BUTYLENE GLYCOL
2, 3 BUTYLENE GLYCOL

See Celanese Catalog in Catalog Section

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260 West Broadway
New York 13, N. Y.

PROPYLENE DICHLORIDE, continued

C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
E & F King & Co, 640 Pleasant St, Norwood, Mass
Merchants Chem Co, 60 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Wyandotte Chem Corp, Wyandotte, Mich

PROPYLENE GLYCOL (Methyl Ethylene Glycol, Propanediol)

$CH_3.CHOH.CH_2OH$. Colorless liq., practically odorless. Sp. gr. 1.0381 (20°C). B.P. 188°C. Wt. per gal., 8.64 lbs. (20°C). Completely sol. water. Uses—solvent, moistening agent; mfr. cosmetics, perfumes, flavoring extracts, pharmaceuticals; reagent organic synthesis having two replaceable hydroxyl groups. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
Consumers Products Co, 99 Hudson St, N Y 13
De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Legion Chem, 70 Wall St, N Y 5
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Tobey Chem Co, 1472 Broadway, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

PROPYLENE GLYCOL ESTERS

W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Carlisle Chem Works, West St, Reading 15, Ohio
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

PROPYLENE GLYCOL MONOCOCATE

*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

PROPYLENE GLYCOL MONORICINOLEATE

W W Angus, 220 Broadway, N Y 38
*Baker Castor Oil Co, 120 Broadway, N Y 5
*E F Drew & Co, 416 Division St, Boonton, N J
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

PROPYLENE GLYCOL STEARATE

W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kolon Trading Co, 15 Park Row, N Y
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

PROPYLENE LAURATE

Amber oil, self-emulsifiable in water to form milky-white emulsions. Uses—cosmetics, pharmaceuticals, foodstuffs.

W W Angus, 220 Broadway, N Y 38
J M Baird Co, 254 W 31 St, N Y 1
Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

PROPYLENE OXIDE (Epoxypropane, Propene Oxide)

$CH_3.CH.CH_2.O$. M.W. 58.05. Colorless liq. Sp. gr. 0.831 at 20/20°C. B.P. 35°C. Wt. per gal., 6.9 lbs. (20°C). Sol. in water and usual organic solvent. Uses—solvent nitrocellulose, cellulose acetate, gums, resins; mfr. quick drying cements; mold inhibitor; reagent in organic synthesis. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

2-PROPYN-1-OL see Alcohol, Propargyl

1-PROPYNE see Methyl Acetylene

PROTEIN HYDROLYSATES

● Pkg—1 lb. bottles, 25, 100 lb. drums.

*American Bio-Synthetics Co, 710 W National Ave, Milwaukee 4, Wis
*Bios Labs, 17 W 60 St, N Y 23
European Chem Co, 366 Broadway, N Y 13
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill
*Winthrop-Stearns, 1450 Broadway, N Y 18

PROTEINS, SOYA BEAN

Proteins derived from the Soya Bean are now available commercially in isolated and non-isolated form. These proteins resemble very closely the characteristics of animal proteins derived from milk and in addition possess many outstanding characteristics of their own. They are widely used in the mfr. of adhesives and are increasingly used for a variety of other applications such as the mfr. of paint, paper sizing and coatings as dispersing and deflocculating agents and as textile sizes.

*Bios Labs, 17 W 60 St, N Y 23
*J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*A E Staley Mfg Co, Box 151, Decatur 60, Ill

PROTEINS, VEGETABLE

Most of the grains and cereal crops contain protein and a number of industrial and edible applications have been developed. The chemical physical and behavior characteristics of these proteins differ so that a general comment is not possible. See also Soya Bean Proteins.

*Bios Labs, 17 W 60 St, N Y 23
*Corn Products Sales Co, 17 Battery Pl, N Y 4
*J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Hutchman Co, P O Box 386, Lakeland, Fla

PRUSSIAN BLUE (Chinese Blue, Ferric Ferrocyanide, Turnbull's Blue)

$Fe_4[Fe(CN)_6]3$. Solid, blue, amorp. Decomposes on heating. Sol. acids, alkalies. Uses—mfr. blue paint, blue varnish pigment; blue ink, blue match head compositions, soaps, laundry blue; coloring paper; dyeing fabrics; in fertilizer. Grades—tech.
● Pkg—Custom packed.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Utility Color Co, 377 Frelinghuysen Ave, Newark, N J

PSEUDOCUMIDINE see Cumidine

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

PYRIDINE
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PICOLINES
Alpha and Beta-Gamma
SPECIAL TAR BASE FRACTIONS
Barrett
BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.
*Reg. U. S. Pat. Off.

PSYLLIUM SEED (Fleaseed, Fleawort)

From Plantago psyllum. Habitat—Southern Europe and Northern Africa. Uses—sizing of paper and silk; printing textiles, etc.; in medicine. Grades—tech.

Dalton-Cooper, 200 W 34 St, N Y 1
T M Duché & Sons, 117 Hudson St, N Y 13
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38

PUCE see Lead Peroxide

PUMEX see Pumice Stone

PUMICE STONE (Pumex)

Lava rock. Natural, solid amorp. Sp. gr. 2.3-2.4 (powdered). Uses—mfr. abrasive powd. and compositions, cosmetics, tooth powd., toilet articles, cements, glass, metal polishes, lithographic stones; acid tower filler; substratum for catalysts; filler in paints, varnishes, enamels, and scouring soaps; in printing; ingredient of various compositions of matter for fireproofing, insulating, polishing purposes, etc.; in process engraving; tanning leather; in medicine. Grades—lump; powdered; ground.
●Pkg—50, 100 lb. bags, 300 lb. bbls.

Charles B Chrystal Co, 53 Park Pl, N Y 7
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston, Mass
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

PURIFIED OZOKERITE see Wax, Ceresin

PURPLE OXIDE see Iron Oxide, Red

PUTTY, ACID-RESISTANT

Specially formulated putty containing ingredients possessing resistance to action of acids and used in places where contamination is likely to occur and where ordinary putty would crumble and dust quickly. See also Glazing Compounds.

*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*Landen Putty Works, 45 Irving St, Malden 48, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y

PUTTY, CHEMICAL

*Landen Putty Works, 45 Irving St, Malden 48, Mass
*Rowe Paint & Varnish Co, Niagara Falls, N Y

PUTTY, RUBBER

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Ernest F Boruski, Jr, 162 W 54 St, N Y 19
*Landen Putty Works, 45 Irving St, Malden 48, Mass
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio

PYOKTANIN BLUE see Methyl Violet

PYRAMIDONE see Aminopyrine

PYRETHRUM

Dried powd. derived from chrysanthemum flowers are Persian insect flowers. Uses—active ingredient in fly sprays, insecticides, etc. Tariff, pyrethrum or insect flowers, free.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Lewis Chem Co, 232 Canal St, N Y 8
*McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*S B Penick & Co, 50 Church St, N Y 7
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway N Y 5

PYRIDINE

C_5H_5N. M.W. 79.05. Sl. yellow or colorless liq. sharp empyreumatic odor. Sp. gr. 0.988 (15°C). M.P. —42°C. B.P. 115.3°C. Sol. water, alcohol, ether, benzine, benzol, fatty oils. Uses—mfr. indigo pharmaceuticals, acetyl cellulose, incandescent gas mantles; denaturing alcohol; solvent and extracting medium; purifying intermediates and organic chemicals; solvent for chemicals paints, varnishes, and rubber cements; assistant in dyeing and printing textiles; laboratory reagent; in medicine Grades—tech.; C.P.; medicinal.
●Pkg—5, 55 gal. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham Ala
American-British Chem Supplies, 180 Madison Ave, N Y 16
Arnida Products Co, 15 Whitehall St, N Y 4
*J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
Bios Labs, 17 W 60 St, N Y 23
*Brothers Pharmacal Co, Orange, N J
*Browning Chem Corp, 150 Broadway, N Y 38
Chemical Service Corp, 82 Beaver St, N Y 5
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Colo
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Consumers Products Co, 99 Hudson St, N Y 13
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Failek Products Co, 163 Broadway, N Y 6
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
International Commodities Corp, 11 Mercer St, N Y 13
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
Kolon Trading Co, 15 Park Row, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
Charles Page & Co, 50 E 42 St, N Y 17
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PYRIDINE, continued

Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Shepard Chem Corp, 117 Liberty St, N Y 6
George F Smith, 60 E 42 St, N Y 17
Ben P Steele Co, 342 Madison Ave, N Y 17
*Tar Residuals, 420 Lexington Ave, N Y 17
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa
White Cross Labs, 79 Wall St, N Y

2-PYRIDONE (2-Hydroxy Pyridine)

HOC_5H_4N. M.W. 95.1. Solid. M.P. 106°C. B.P 280°C. Very sol. water, alcohol; sol. ether.
● Pkg—1, 5 lb. bottles.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Toelle Chem Co, R D 1, Box 75, Newton, N J

PYRIDOXINE HYDROCHLORIDE see Vitamin B_6

PYRIDYL MERCURIC ACETATE

$C_5H_4NHgO_2CCH_3$. M.W. 337.8. White granules. Uses—fungicide for cork and coating compositions.
● Pkg—25 lb. drums.

*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

PYRIDYL MERCURIC CHLORIDE

C_5H_4NHgCl. M.W. 314. White powd. Very sl. sol. water, alcohol, hydrocarbon solvents. Uses—fungicide and bactericide.
● Pkg—25 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

PYRIDYL MERCURIC STEARATE

$C_5H_4NHgO_2C(CH_2)_{16}CH_3$. M.W. 562. White powd. Insol. water, alcohol; sol. hot toluene, mixed cellosolve hydrocarbon solvents. Uses—fungicide and bactericide.
● Pkg—25 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

PYRIMIDINETRIONE see Acid, Barbituric

b-PYRINDYL-n-METHYL-PYRROLIDINE see Nicotine

PYRITES (Iron Pyrites, Fool's Gold, Ferrous Sulfide)

Iron sulfide mineral, FeS_2 usually with small amounts of Cu, As, Ni, Co, and Au. Sp. gr. 4.95-5.17. Hardness, 6.0-6.5. Uses—mfr. of sulfuric acid, sulfur, sulfur dioxide, copperas; also in metal recovery and costume jewelry.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

PYRO see Sodium Pyrophosphate (Tetra)

PYROCATECHIN see Pyrocatechol

PYROCATECHOL (o-Dihydroxybenzene; Pyrocatechinic Acid; Oxyphenic Acid; Catechol; Hydroxphenol; Benzenediol; Pyrocatechin)

$C_6H_4(OH)_2$. M.W. 110.05. Colorless cryst. Sp. gr. 1.344. M.P. 105°C. B.P. 245°C. Sol. in water, alcohol, ether, benzene and chloroform. Uses—antiseptic; photography. Grades—tech.
● Pkg—25, 50, 100, 200 lb. drums.

*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Sterone Corp, 250 W 57 St, N Y 19

PYROGALLOL see Acid, Pyrogallic

PYROLIGNEOUS VINEGAR see Acid, Pyroligneous

PYROMUCIC ALDEHYDE see Furfural

PYROPHOSPHATE OF CALCIUM see Calcium Pyro Phosphate

PYROPHYLLITE

$Al_2O_3+SiO_2.H_2O$. Uses—mfr. certain types of ceramic ware; as a filler for hard rubber forms, such as battery boxes; as a diluent in dusting insecticides.
● Pkg—50 lb. bags.

Charles B Chrystal Co, 53 Park Pl, N Y 7
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
Hammill & Gillespie, 225 Broadway, N Y 7
*R T Vanderbilt Co 230 Park Ave, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

PYROXYLIC SPIRIT see Methanol

PYROXYLIN see Collodion, Nitrocellulose

PYROXYLIN, SCRAP

● Pkg—300 lb. cases.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill

PYROXYLIN SOLUTIONS (Pyroxylinium, Soluble Gun Cotton, Trinitrocellulose, Lacquer Dope, Colloxylin)

Solutions of nitrated cellulose, mainly the tetranitrates. Uses—mfr. moulded plastics. See also Collodion. Grades—U.S.P.; tech.

*Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
*Scholle Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

PYROXYLINIUM see Pyroxylin Solutions

PYRROLE

City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Edcan Labs, 10 Pine St, S Norwalk, Conn

PYRROLIDINE

City Chem Corp, 132 W 22 St, N Y 11
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Sterone Corp, 250 W 57 St, N Y 19

PYRROLYLENE see Butadiene

PYRUVIC ALDEHYDE (Methyl Glyoxal)

CH_3COCHO. M.W. 72.06. Deep yellow liq. Sol. water complete. Shipped at 30% solution. Uses—synthesis of pharmaceuticals, dyestuffs, resin polymers.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

QUARTZ

Crystalline form of Silica, SiO_2. Sp. gr. 2.59-2.66. Hardness 7. Uses—in protection of glass, colors and pigments, rubber, soap and polishing compounds, ceramics, cements, enamels, leather and tanning, building stone, tower packing and graining lithographic plates.
● Pkg—25, 50, 100 lb. bags, 1 lb. bottles.

Charles B Chrystal Co, 53 Park Pl, N Y 7
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Nopel Corp, 2 Broadway, N Y 4
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

QUARTZ, LUMP

*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
Nopel Corp, 2 Broadway, N Y 4

QUATERNARY AMMONIUM COMPOUNDS

*Alrose Chem Co, Box 1294, Providence 1, R I
American Roland Corp, 16 Hudson St, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fine Organics, 211 E 19 St, N Y 3
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
McKesson & Robbins, 155 E 44 St, N Y

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Refined Two Degree

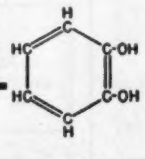
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KOPPERS
CATECHOL
(Pyrocatechol)



USES: In preparation of dyestuffs and medicinals; in photography; as an oxygen-removal agent; in specialty inks; in the production of antioxidants for rubber and lubricating oils.

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Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

QUATERNARY AMMONIUM COMPOUNDS continued

*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Southwestern Analytical Chem, 1107 W Gibson St, Austin 4, Tex
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Sterwin Chem, 1450 Broadway, N Y 18
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18
*Wyandotte Chem Corp, Wyandotte, Mich

QUEBRACHO EXTRACT

Extract from wood of Aspidosperma quebracho blanca. Uses—mordant and color in dyeing and printing fabrics; in tanning leather. Grades—35-37% liq. (ordinary, bleaching); 65% solid (ordinary clarified).
● Pkg—Bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
Dalton-Cooper, 200 W 34 St, N Y 1
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill

QUERCETIN see Quercitron Extract

QUERCIN see Oak Extract

QUERCITRON EXTRACT (Quercetin)

$C_{15}H_{10}O_7$. Extract from bark of Quercus coccinea var. tinctoria. Uses—mordant in dyeing and printing leather; in tanning leather. Grades—liq. (51); powdered; orange and lemon shades.
● Pkg—Bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

QUICKSILVER see Mercury

QUICKSILVER VERMILION see Mercury Sulfide, Red

QUILLAIA see Soap Bark

QUILLAJA see Soap Bark

QUINALDINE

$C_{10}H_9N$. M.W. 143.18. Sp. gr. 1.056 at 25°/4°C. Refractive Index 1.6072 at 25°C. B.P. 247.0°C (760 mm). M.P. —2.0°C. Sol. in water 0.7% at 25°C. Basicity, ml. N HCl/Gm, 6.99. Odor, sharp, quinoline-like. Color, water-white, discolors on standing. Chemical properties: quinaldine resembles quinoline in chemical properties except for the reactivity of the methyl group which enters into condensation reactions or halogen substitution. Uses—in the preparation of dyes, pharmaceuticals, and fine organic chemicals.
● Pkg—55 gal. drums.

Chemical Service Corp, 82 Beaver St, N Y 5
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind

QUINCE SEED

The dried seeds of a rosaceous tree. Uses—medicinally as mucilage, as a demulcent.

Dalton-Cooper, 200 W 34 St, N Y 1
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Meer Corp, 318 W 46 St, N Y 36
Morningstar Nicol, 630 W 51 St, N Y 19
William D Neuberg Co, 420 Lexington Ave, N Y 17
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*S B Penick & Co, 50 Church St, N Y 7
Tragacanth Importing Corp, 160 Water St, N Y 38

QUINHYDRONE

$C_6H_4(OH_2)C_6H_4O_2$. Green cryst. with metallic luster. M.P. 169-170°C. Very sl. sol. water, sol. alcohol, ether. Uses—determination of hydrogen-ion concentration with quinhydrone electrode. Grades—C.P. Cont.—bottles, fiber drums.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Merck & Co, Rahway, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

QUINIDINE

$C_{20}H_{24}N_2O_2$. M.W. 324.2. An alkaloid from the bark of cinchona species; the dextro isomer of quinine. Colorless monoclinic prisms. M.P. 168°C. Insol. water sol. alcohol, ether. Uses—medicinally as a cardiac rhythm regulator and similarly to quinine.
● Pkg—25, 100 oz. tins.

*American Quinine Co, 15 William St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

QUINIDINE SULFATE

$(C_{20}H_{24}O_2N_2)_2.H_2SO_4.2H_2O$. M.W. 782.51. White very bitter, odorless fine cryst. Sol. water, alcohol methanol, chloroform. Uses—medicine.
● Pkg—25, 50, 100, 1000 oz. tins.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7

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Disinfecting, Deodorizing
BTC 50%
Broad range of applications for food processing equipment and processing to public facilities.

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Veterinary disinfection, deodorization; pharmaceutical antiseptic and germicidal uses.

Algaecide, Slime Control
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ISOTHAN Q-15
Widely used in athlete's foot and dandruff control formulations; many applications in agriculture.

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EXPORT: Onyx International, Jersey City 2, N.J.

QUATERNARY AMMONIUM CHLORIDES

The ARQUADS are Armour's alkyl quaternary ammonium chloride chemicals—ranging in solubility from water-soluble to oil-soluble.

The ARQUADS are available in commercial quantities for use in high potency germicides, fungicides, disinfectants, ore flotation reagents, cationic emulsifiers, detergents, textile softeners, water-treating chemicals, alkaline cleaning compounds, anti-static polishes for plastics, chemical synthesis. For descriptive bulletins and samples, write:

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SPECIAL CHEMICALS DIVISION
Winthrop-Stearns INC.
1450 BROADWAY, NEW YORK 18, N. Y.

QUININE

Quinine Hydrochloride

Quinine Sulfate

Cinchonidine

Cinchonine

•

QUINIDINE SULFATE

American Quinine Company

15 William Street

New York 5, N. Y.

HAnover 2-7983

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The Carwin Company specializes in the manufacture of quality intermediates.

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Benzidine
1,4-Diaminodihydroanthraquinone
Dianisidine
Dichlorbenzidine
Hydrazobenzene
Metanilic acid
Phthalimide
Quinizarin-2-sulfonic acid

THE CARWIN COMPANY

NORTH HAVEN, CONNECTICUT

Phone: Atwater 8-1671

QUINIDINE SULFATE, continued

Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

QUININE

American Quinine Co, 15 William St, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of Americas, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Chas L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y

QUININE, ALKALOID

$C_{20}H_{24}O_2N_2.3H_2O$. M.W. 378.25. White, odorless, bitter cryst. or powd. derived from chinchona bark. Uses—medicine.
● Pkg—25, 50, 100 oz. tins.

American Roland Corp, 16 Hudson St, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

QUININE BISULFATE

$C_{20}H_{24}O_2N_2.H_2SO_4.7H_2O$. M.W. 548.39. White odorless very bitter cryst. or crystalline powd; efflorescent; darkens on exposure to light. Uses—medicinal.
● Pkg—25, 50, 100 oz. cans.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterone Corp, 250 W 57 St, N Y 19

QUININE HYDROCHLORIDE (Quinine Hydrochlorate, or Muriate)

$C_{20}H_{24}N_2O_2.HCl+2H_2O$. M.W. 396.91. White, silky, odorless, bitter needles. Sol. water, alcohol. Uses—analytical reagent; medicine.
● Pkg—25, 50, 100 oz. tins.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

QUININE HYDROCHLORATE see Quinine Hydrochloride

QUININE MURIATE see Quinine Hydrochloride

QUININE SULFATE

$(C_{20}H_{24}N_2O_2)_2.H_2SO_4+7H_2O$. M.W. 872.80. White cryst. Uses—in medicine; brewing.
● Pkg—25, 100 oz. cans, 50 oz. bottles.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Cole Labs, 42-25 9 St, L I C 1, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Kingston Chem Co, 15 William St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y

BENZOQUINONE

CHROMOTROPIC ACID

QUINIZARINE

▼

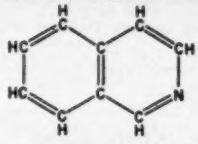
ZINSSER & COMPANY, Inc.

Hastings-on-Hudson, N. Y.

Established 1897

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

It's KOPPERS for
REFINED
QUINOLINE



● Distillation range 95% (2% to 97%) with 2°C. between 235-238°C. Not more than 0.3% water. Not more than 2.0% oil. Sp. Gr. at 15.5°C.—1.092 to 1.098.

Koppers supplies isoquinoline, quinaldines, and high-boiling Q.S.R. bases for inhibitors.

KOPPERS COMPANY, INC.
Tar Products Division
PITTSBURGH 19, PA.

*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11

QUINIZARINE (Dihydroxyanthraquinone)

$C_{14}H_8O_4$. M.W. 240.13. A colorless solid. M.P. 280°C. Insol. water, sol. alcohol, ether. Uses—intermediate for the mfr. of dyestuffs.
● Pkg—200 lb. bbls.

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div, Bound Brook, N J
*Carwin Co, Stiles Lane, N Haven, Conn
City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Joseph Turner & Co, Ridgefield, N J
*Zinsser & Co, Hastings-on-Hudson, N Y

QUINOL see Hydroquinone

QUINOLINE (Benzazine, Chinoline)

C_9H_7N. M.W. 129.06. Sp. gr. 1.093. Colorless to yellow liq. B.P. 237.7°C. Sol. alcohol, ether. Uses—organic synthesis, medicine. Grades—C.P.; tech.
● Pkg—5, 55 gal. drums.

Arnida Products Co, 15 Whitehall St, N Y 4
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Brothers Pharmacal Co, Orange, N J
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Koion Trading Co, 15 Park Row, N Y
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38

QUINONE (Benzaquinone, Chinone, p-Dioxybenzene, Benzenone, Dihydrodiketo-Benzone)

$C_6H_4O_2$. Yellow cryst., irritating odor. Sp. gr. 1.307. M.P. 115.7°C. Sol. alcohol, ether, alkalies. Uses—mfr. hydroquinone. Grades—tech.
● Pkg—Drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Koion Trading Co, 15 Park Row, N Y

QUINOPHAN [B.P.C.] see Cinchophen

RANCIDITY PREVENTIVES, OILS

Products which stabilize fats and oils, preventing rancidity by decreasing oxidative deterioration. Where used with edible oil products must have the approval of Food and Drug Administration officials.

American Lecithin Co, 57-01 32 Ave, Woodside 77, N Y
Eastman Chem Products, Kingsport, Tenn
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Universal Oil Products, 30 E Algonquin Rd, Des Plaines, Ill
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

RARE EARTH PRODUCTS

● Pkg—Custom packed.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
Doe & Ingalls, 56 Garden St, Everett 49, Mass
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*New Process Metals, 46-50 Center St, Newark 2, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

RARE EARTH METALS, SCANDIUM, AND YTTRIUM

Metals whose At. wt. lie between those of barium and tantalum. Includes lanthanum, cerium, praseodymium, neodymium, samarium, europium, gadolinium, terbium, dysprosium, holmium, erbium, thulium, ytterbium, lutetium, scandium, and yttrium.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*New Process Metals, 46-50 Center St, Newark 2, N J

RARE METAL SALTS

● Pkg—Custom packed.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemical Commerce, 166 Clifford St, Newark 5, N J
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 20

RASPITE see Lead Tungstate

REAGENTS see CHEMICALS, REAGENTS

REALGAR see Arsenic, Red

RED ARSENIC see Arsenic, Red

RED ARSENIC GLASS see Arsenic, Red

RED ARSENIC SULFIDE see Arsenic, Red

RED IRON TRIOXIDE see Iron Oxide, Red

RED LIQUOR see Aluminum Acetate (Basic)

RED MERCURIC SULFURET see Mercury Sulfide, Red

RED ORPIMENT see Arsenic, Red

RED OXIDE see Iron Oxide, Red

World's Largest Source of Cerium, Rare Earth and Thorium Chemicals

Salts of the following rare earths are immediately available in commercial quantities

CERIUM
DIDYMIUM
LANTHANUM
NEODYMIUM
THORIUM

Also salts of the mixed RARE EARTHS (RARE EARTH OXIDE, CHLORIDE, FLUORIDE, etc.)

We welcome your inquiries concerning salts of other rare earths such as GADOLINIUM, YTTRIUM, PRAESEODYMIUM, EUROPIUM and SAMARIUM.

LINDSAY CHEMICAL COMPANY
WEST CHICAGO, ILLINOIS

INDUSTRIAL AND REAGENT
CHEMICALS

RARE METAL COMPOUNDS
of

Cesium	Indium
Gallium	Yttrium
Didymium	Rhenium
Lanthanum	Rubidium
Neodymium	Germanium
Praseodymium	Gadolinium

CITY CHEMICAL CORP.
132 W. 22nd St, New York 11, N.Y.
WA 9-2723

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SILICONE RELEASE AGENTS

Dow Corning Mold Release Agents are heat-stable, nonvolatile and resistant to oxidation. They are inert to metals and readily wet mold surfaces to form a parting film that improves plastic flow and prevents the sticking of rubber and plastics. Silicone release agents do not decompose at molding temperatures to form carbonaceous deposits in the mold.

Dow Corning Mold Release Fluid is generally applied from a solvent solution to obtain easy release of rubber and plastics. **Dow Corning Mold Release Emulsion No. 35 and 35B**, are diluted with water and applied by spraying. No. 35 Emulsion will break in contact with zinc or when mixed with hard water, however, No. 35B Emulsion remains stable stable in contact with even the hardest water. As release agents for butyl curing bags and for rubber tires, mechanical goods, soles and heels, floor tile and other molded rubber products, these silicone emulsions reduce scrap to a minimum; improve surface finish; reduce mold maintenance by as much as 90%.

Dow Corning 8 Emulsion was developed for use as a parting agent in the shell process for casting metals. Readily diluted with water, the emulsion can be applied to the pattern by spraying or dipping to form a silicone film that gives easy release and improves surface finish.

DOW CORNING SILICONES — DOW CORNING CORP. MIDLAND, MICHIGAN

RED POTASSIUM CHROMATE see **Potassium Bichromate**

RED PRECIPITATE see **Mercuric Oxide, Red**

RED PRUSSIATE OF POTASH see **Potassium Ferricyanide**

REFRACTORIES

Specially formulated compounds employed in linings in coal, gas and oil fired furnaces; also for pouring baffles and special shapes; should have very low co-efficient of heat transfer.

*Botfield Refractories Co, Swanson & Clymer Sts, Phila 47, Pa
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Ironton Fire Brick Co, Ironton, Ohio
*Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 20

REFRIGERANTS

Various gases which circulated in the coils of refrigerating, ice-making and air-conditioning machinery, compressed or liquefied under pressure, and then allowed to expand, absorb heat from the surrounding medium. More commonly used refrigerants are: ammonia, carbon dioxide, sulfur dioxide, methyl chloride, certain hydrocarbons, such as butane, isobutane, propane and ethane, dichlorodifluoromethane, trichloromonofluoromethane, and dichlorotetrafluoroethane, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ansul Chem Co, 1 Stanton St, Marinette, Wis
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Kinetic Chem Div, Wilmington 98, Del
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Wyandotte Chem Corp, Wyandotte, Mich

REINECKE SALT

●Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

REINFORCING AGENTS, RUBBER

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Edgar Bros Co, Metuchen, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15 Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hammill & Gillespie, 225 Broadway, N Y 7
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

RELEASE AGENTS, MOLD, SILICONE

*Dow Corning Corp, Midland, Mich

REMOVERS, CARBON, MOTOR

Products usually added to motor fuels to dissolve deposited carbon in cylinders of gasoline-fired engines and which causes the familiar knock sound and reduced efficiency.

*Block Walnut Processing Corp, 141 2 Ave S, Nashville Tenn
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville Okla
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
*Davies-Young Soap Co, P O Box 995, 705 Albany St Dayton, Ohio
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Klem Chem, 14401 Lanson, Dearborn, Mich
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Petron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Stewart Chem Products, Longmont, Col
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Western Chem & Mfg Co, 3270 E Washington Blvd Los Angeles 23, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

REMOVERS, GUM

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave Newark 5, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Rosco Labs, 367 Hudson Ave, Bklyn 1, N Y
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27

REMOVERS, INK

*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25 Ill
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill

REMOVERS, OIL AND GREASE

Specialized detergents used to remove oil and grease from various floor surfaces; also to remove oil and grease films from metal parts prior to finishing operations.

Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Curran Corp, S Canal St, Lawrence, Mass
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Dixo Co, 225 River Rd, Garfield, N J
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Enthone Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Johns-Manville, 22 E 40 St, N Y 16
*Joy Chem, 133 Webster St, Pawtucket, R I
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
M Michel & Co, 90 Broad St, N Y 4
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Stewart Chem Products, Longmont, Col
*A J Stuff & Co, 5816 Tacony St, Phila 24, Pa
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Wasco Engrg Corp, 601 W 26 St, N Y 1
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich
*Zophar Mills, 103 26 St, Bklyn 32, N Y

REMOVERS, PAINT AND VARNISH

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Chemical Products Co, P O Box #464, Aberdeen, Md
Chemical Service Corp, 82 Beaver St N Y 5
*Chemical Specialties Co, 503 N Beachwood Dr, Los Angeles 4, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Cole Labs, 42-25 9 St, L I C 1, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Damon Chem Co, Box 774, Alliance, Ohio
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dixo Co, 225 River Rd, Garfield, N J
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*Dow Chem Co, Midland, Mich
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Enthone Inc, 442 Elm St, New Haven, Conn
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*L J & M La Place, Lellarts Lane, E Paterson, N J
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*National Lead Co, 111 Broadway, N Y 6
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pelron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Stewart Chem Products, Longmont, Col
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*United Chromium, 100 E 42 St, N Y 17
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Varnitan Co, 416 N Varney St, Burbank, Cal
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*Wyandotte Chem Corp, Wyandotte, Mich

REMOVERS, STAIN

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
John A Chew, 60 E 42 St, N Y 17
*Dixo Co, 225 River Rd, Garfield, N J
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*Flash Chem Co, 160 2 St, Cambridge, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Oakite Products, 19 Rector St, N Y 6
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*L R Van Allen Co, P O Box 3610, Merchandise Mart Plaza, Chicago 54, Ill

REMOVERS, TAR

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence, R I
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
*Dixo Co, 225 River Rd, Garfield, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Klem Chem, 14401 Lanson, Dearborn, Mich
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*L J & M La Place, LeHarts Lane, E Paterson, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

REMOVERS, TEXTILE STAINS

Specially formulated compounds for the removal of stains in textile, leather, laundry, and dry-cleaning operations. Since stains are caused by many different products, stain removers must be selected for each particular problem encountered. See also Acid Hydrofluoric, Sodium Hydrosulfite, Hydrogen Peroxide. See also Bleaches, Laundry.

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*E I du Pont de Nemours & Co, Electrochem Dept, De Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3 N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass

RESIN COPAL see Gum, Copal

RESIN DAMAR see Gum, Damar

RESIN FILMS

*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*G A Wharry & Co, 95 Broad St, N Y 4

RESIN SOLUTION

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Catalin Corp of America, 1 Park Ave, N Y 16
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept Dyes & Chem Div, Wilmington 98, Del
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Electric Co, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd Cincinnati 13, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*O G Innes Corp, 82 Wall St, N Y 5
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Neville Co, Neville Island, Pittsburgh 25, Pa
*C J Osborn Co, 132 Nassau St, N Y 38

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*Pabco Products, 475 Brannan St, San Francisco, Ca
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pan American Chem Div, 122 E 42 St, N Y 17
*Penetone Co, Tenafly, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Schenectady Varnish Co, P O Box 1046, Schenectady, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

RESINA see Rosin, Gum

RESINS, ABSORBENT

*Chemical Process Co, 901 Spring St, Redwood City, Cal
Permutit Co, 330 W 42 St, N Y 36

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Synthetic plastics produced from acrylic acid esters with outstanding characteristics of colorless transparency, excellent adhesion to most surfaces, chemical resistance, and great elasticity and in physical appearance range from soft, sticky semi-liquids to hard thermoplastic solids. Solutions of acrylic resins are used for coatings, adhesives, electrical insulation, impregnation, and for the mfr. of laminated glass.
●Pkg—25, 50, 100, 200 lb. drums.

*American Polymer Corp, 101 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
J M Baird Co, 254 W 31 St, N Y 1
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*David E Long Corp, 220 E 42 St, N Y 17

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Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J

RESINS, ADHESIVE

*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

RESINS, ALKYD

Condensation products of a polybasic acid and a polyhydric alcohol; find wide application in the formulation of paints, varnishes, lacquers, etc.
●Pkg—1, 5, 55 gal. drums.

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Bell Chem Co, 25 W 44 St, N Y 36
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
*Falk Div, Cargill, Inc, P O Box 1075, Pittsburgh 30, Pa
*General Elec, Chem Div, Pittsfield, Mass
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*C J Osborn Co, 132 Nassau St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47 Ill
United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*G A Wharry Co, 95 Broad St, N Y 4
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Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Neville Co, Neville Island, Pittsburgh 25, Pa
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
*Polarome Mfg Co, 73 Sullivan St, N Y
*P Robertet, 125 E 23 St, N Y 10
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

RESINS, BONDING & CASTING

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Electric Co, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Marblette Corp, 37-21 30 St, L I C 1, N Y
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*G A Wharry & Co, 95 Broad St, N Y 4

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J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Catalin Corp of America, 1 Park Ave, N Y 16
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y

RESINS, COATING

*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*General Electric Co, Chem Div, Pittsfield, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Kendall Refining Co, Bradford, Pa
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

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*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, COUMARONE

● Pkg—Bags, drums.

J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa

RESINS, EPICHLORHYDRIN BISPHENOL

*Borden Co, Chem Div, 350 Madison Ave, N Y 17
Ferro Chem Corp, Box 349, Bedford, Ohio
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*David E Long Corp, 220 E 42 St, N Y 17
*Shell Chem Corp, 50 W 50 St, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

RESINS, FURFURYL ALCOHOL

● Pkg—Drums.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y

RESINS, HYDROCARBON

● Pkg—55 gal. drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Bakelite Co, 30 E 42 St, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

RESINS, IMPREGNATING

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Catalin Corp of America, 1 Park Ave, N Y 16
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40 Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Dow Corning Corp, Midland, Mich
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Electric Co, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N

RESINS, ION EXCHANGE

● Pkg—150 lb. drums.

*Chemical Process Co, 901 Spring St, Redwood City, Cal
De Bear Inc, 636 11 Ave, N Y 36
*Dow Chem Co, Midland, Mich
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Permutit Co, 330 W 42 St, N Y 36
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

RESINS, MALEIC

● Pkg—300, 400, 475 lb. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American-Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
*Crosby Chem, P O Box 32, De Ridder, La
*Dixie Pine Products Co, P O Drawer, 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*C J Osborn Co, 132 Nassau St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, MELAMINE

● Pkg—Bags, drums.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Catalin Corp of America, 1 Park Ave, N Y 16
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass

CUMAR* resin

Paracoumarone-Indene Resin

A neutral, stable, resin of the paracoumarone-indene type, available in various grades—all manufactured under rigid chemical control from selected distillates of tar.

Barrett

*Reg. U. S. Pat. Off.

BARRETT DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, METHACRYLATE

*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Wallace A Erickson & Co, 842 N Wells St, Chicago 10, Ill
*Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

RESINS, NATURAL

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
R-B-H Dispersions Div, 2 Hamilton St, Bound Brook, N J
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
United States Industrial Chem Co Div, 120 Broadway, N Y 5
G A Wharry & Co, 95 Broad St, N Y 4

RESINS, OIL-PROOF

Synth. products with high resistance to the actions of gasoline, lubricating oils, kerosene, greases, etc., and used to formulate special oil-proof coatings.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Bakelite Co, 30 E 42 St, N Y 17
*General Electric Co, Chem Div, Pittsfield, Mass
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1

RESINS, PHENOL FORMALDEHYDE

●Pkg—Drums.

*Acme Resin Corp, 4101 S Circle Ave, Forest Park, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Chemical Process Co, 901 Spring St, Redwood City, Cal
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Elec, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Marblette Corp, 37-21 30 St, L I C 1, N Y
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
Plasticchemicals Co, 1 Beekman St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Snyder Chem Corp, Henry St, Bethel, Conn
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, PHENOL FURFURAL

*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y

RESINS, PHENOLIC MODIFIED

●Pkg—300, 400 lb. drums, 500 lb. bbls.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Elec, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*David E Long Corp, 220 E 42 St, N Y 17
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Snyder Chem Corp, Henry St, Bethel, Conn
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*G A Wharry Co, 95 Broad St, N Y 4



. . . Plastics and Resins that fit the job

Phenolic molding compounds of all types: general-purpose, impact, electrical - resistant, heat-resistant, non-bleeding, special-purpose. Phenolic resins for laminating, insulating, impregnating paper, fabric and wood; for adhesives, coatings, acid-proof cements, casting, rubber compounding, sand molds and cores. Water-soluble resins. Oil-soluble resins for paints, lacquers, varnishes, printing inks, waxes.

DUREZ
PLASTICS & CHEMICALS, INC.
5 Walck Road
North Tonawanda, New York

NEVILLE

LX 685 RESIN

Oxidizing (heat reactive) petroleum resin used in manufacture of high quality floor and concrete paints, porch and deck enamels, metal primers, gasoline and grease-proof coatings, chassis blacks and fast drying aluminum paints at less cost.

THE NEVILLE COMPANY
PITTSBURGH 25, PA.

PHENOLIC RESINS

Water, oil and spirit soluble types. In these forms: powder, lump, varnishes and bonding solutions.

Barrett®

BARRETT DIVISION
Allied Chemical & Dye Corporation
40 Rector Street, New York 6, N. Y.

*Reg. U. S. Pat. Off.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

General Mills

POLYAMIDE RESINS

CHARACTERISTICS

High Gloss
Non-blocking
Resistance to water, solvents, grease
Scuff Resistant
Thermoplastic
Thermosetting (combined with Epoxy resins)

USES

Over print varnish
Coatings
Heat-sealing adhesive
Adhesive cements
Laminants

Recently General Mills Polyamide Resins' heat and color stability were improved.

Also, the price was reduced up to 7¢ per pound on purchases over 8000 pounds.

Because there are several grades of Polyamide Resin, when requesting sample or technical data please indicate intended use.

CHEMICAL DIVISION
General Mills, Inc.
KANKAKEE, ILLINOIS

RESINS, POLYAMIDE

●Pkg—185 lb. drums.

*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y

RESINS, POLYESTER

●Pkg—1, 5, 55 gal. drums.

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Chemical Process Co, 901 Spring St, Redwood City, Cal
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*General Elec, Chem Div, Pittsfield, Mass
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Marco Chem, 1711 Elizabeth Ave, Linden, N J
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, POLYSILOXANE

J M Baird Co, 254 W 31 St, N Y 1
*Dow Corning Corp, Midland, Mich
*Linde Air Products Co Div, 30 E 42 St, N Y 17

RESINS, POLYSTYRENE

Colorless liq. boiling at 146°C and having a dens. of 0.925. Ethyl benzene is the raw material. Is readily converted into solid polystyrene by heating with or without catalysts. Physical properties can be made to vary widely by the conditions under which polymerization is conducted. Uses—in electrical work because of its dielectric properties; as a true thermoplastic; as a hardening and adhesive promoting agent for waxes; as a base for low varnishes and lacquers. Highly resistant to water, alcohol, most acids and bases. Softening point of approx. 90°C. Dens. 1.054. Readily molded at temperatures between 145 and 160°C.

●Pkg—50 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Bakelite Co, 30 E 42 St, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Dow Chem Co, Midland, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
International Selling Corp, 122 E 42 St, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass

RESINS, PRINTING INK

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
*American Polymer Corp, 103 Foster St, Peabody, Mass
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Barrett Div, 40 Rector St, N Y 6
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Durez Plastics & Chem, 5 Waick Rd, N Tonawanda, N Y
*Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
H G Innes Corp, 82 Wall St, N Y 5
*Kendall Refining Co, Bradford, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*C J Osborn Co, 132 Nassau St, N Y 38
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, RESORCIN

●Pkg—5 gal. pails, 500 lb. bbls., drums.

*American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Kolon Trading Co, 15 Park Row, N Y
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y
*Snyder Chem Corp, Henry St, Bethel, Conn

RESINS, ROSIN DERIVATIVES

Water-white viscous liq. resins derived from the alcoholic derivatives. Used in nitrocellulose lacquers, for coating papers and fabrics.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Crosby Chem, P O Box 32, De Ridder, La
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Newport Industries, 230 Park Ave, N Y 17

"KTPL" STYRENE RESINS

● Clear, hard, thermoplastic, water-white, polystyrene resins used in the production of protective coatings, floor tiles and other applications. Differ from polystyrene principally in lower molecular weight, but are chemically similar. They are chemically stable, resistant to acids and alkalies, and have excellent stability.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

GALEX

GALEX is a newly developed Resin, stable to oxidation, and rendered much less susceptible to crystallization when mixed with various solvents. Send for data.

NATIONAL ROSIN OIL PRODUCTS, Inc.
R. K. O. Building, Radio City, New York 20, N. Y.
BRANCHES IN PRINCIPAL CITIES

Pioneer Manufacturer and Refiner of Rosin Oils and Pine Pitch

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, RUBBER

Substances derived from rubber used as base in the mfr. of coating materials and finishes; possess good resistance to acids, alkalies, and corrosive chemicals; effectively withstand moisture penetration, salt water spray, have good electrical properties, insol. in most solvents, tasteless, odorless, and non-toxic, and with excellent adhesive and bonding properties.

*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Barrett Div, 40 Rector St, N Y 6
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron Ohio
*C P Hall Co, 2510 First National Tower, Akron 8 Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
R B Huber, 216 Tremont St, Boston 16, Mass
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pan American Chem Div, 122 E 42 St, N Y 17
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, SILICONE

●Pkg—1, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

RESINS, SILICONE-ALKYD

*Dow Corning Corp, Midland, Mich
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*David E Long Corp, 220 E 42 St, N Y 17
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, SYNTHETIC

"Complex substantially amorp. organic semi-solid or solid materials (usually a mixture of substances) built up by chemical reaction of comparatively simple compounds, and, depending upon the temperature at which the examination is made, approximating the natural resins in various physical properties; namely lustre, fracture comparative brittleness, insolubility in water, fusibility or plasticity when heated or exposed to heat and pressure and, at a certain more or less narrow temperature range before fusion, a degree of rubber-like extensibility; but commonly deviating widely from natural resins in chemical constitution and behavior with reagents." (Carleton Ellis, Modern Plastic Yearbook). See also Resins Alkyd; Resins, Acrylic; Plastics, Phenol-Furfural Resins, Coal Tar; Plastics, Urea; Plastics, Phenolic Resins, Vinyl, etc.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Acme Resin Corp, 1101 S Circle Ave, Forest Park, Ill
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Alkyd Industries, Broad & 14 St, Carlstadt, N J
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody Mass
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Ernest F Boruski, Jr, 162 W 54 St, N Y 19
*Catalin Corp of America, 1 Park Ave, N Y 16
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*Crosby Chem, P O Box 32, De Ridder, La

HERCULES



SYNTHETIC RESINS

Methyl glycol, glycerol, P. E. esters of rosin and modified rosins. Maleic and phenolic resins. Oil free alkyds and coconut alkyds.



GM51-1

HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

SILICONE RESINS

PROTECTIVE COATINGS formulated with Dow Corning 802, 803, 804 and 805 Silicone Resins are used to protect ovens, stacks and other metal surfaces exposed to high heat and weathering. Such coatings withstand continuous exposure to temperatures of 500°F and upward; do not lose gloss, chalk or yellow on aging; possess exceptional resistance to moisture, oxidation and chemical fumes. Modified Silicone Resins are used to formulate protective coatings and may also be cold blended with organic paint vehicles to improve moisture resistance and gloss and color retention.

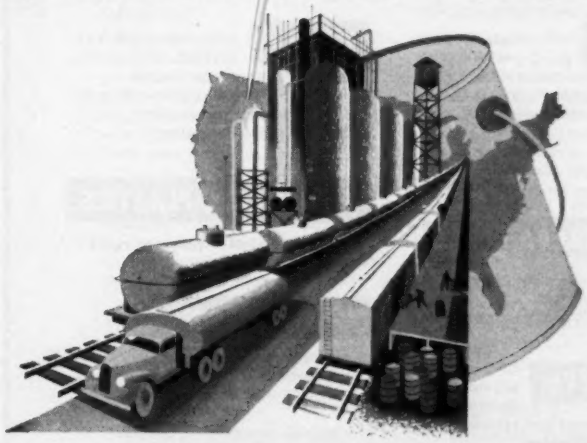
LAMINATING RESINS, Dow Corning 2103, 2104 and 2105, are thermosetting resins used to bond inorganic fabrics in the production of rigid electrical laminates. 2103 Resin is also used to bond finely divided particles such as powdered metals and mica. Properties of a typical 1/8" glass laminate bonded with 2103 include flexural strength of 20,000 to 40,000 psi; dielectric strength with continuous filament cloth of 250 volts/mil or more. Dow Corning 2104 is an excellent bonding agent for laminating at pressures of 30 psi or less. Typical continuous filament glass laminates have flexural strengths of 25,000 to 35,000 psi at 25°C, 12,000 to 15,000 at 250°C; dielectric strength, 400 volts/mil. Laminates made with Dow Corning 2105 have a dielectric strength greater than 180 volts/mil after 5,000 hours at 250°C, or about 100 times the life of the best laminates previously available.

Silicone electrical insulating resins and varnishes are described in SILICONE DIELECTRIC ad in Dielectrics section of this guide.

DOW CORNING SILICONES

DOW CORNING CORP.
MIDLAND, MICHIGAN

REICHHOLD



SYNTHETIC RESINS

Alkyd (Beckosols), Pure Phenolic (Super-Beckacites), Modified Phenolic and Maleic (Beckacites), Urea (Beckamines), Styrenated Alkyd (Styresols), Pentaerythritol (Pentacites), Ester Gum (Synthe-Copal), Processed Copals (Beckopol and Kopol)

RCI

REICHHOLD CHEMICALS, INC.
630 Fifth Avenue, New York 20, New York

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

PICCO

SYNTHETIC RESINS

Coal Tar Naphthas • Solvents
Reclaiming Oils • Plasticizers

Picco Resins include: PICCOLYTE terpene resins, PICCOLASTIC RESINS, based on Styrene, Substituted Styrene and Homologues; PICCOUMARON, para-coumarone indene resins; STYRENE RESINS; TERPENE RESINS.

PENNSYLVANIA INDUSTRIAL CHEMICAL CORP.
CLAIRTON, PENNSYLVANIA
Representatives in Principal Cities

RESINS, SYNTHETIC, continued

*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*General Electric Co, Chem Div, Pittsfield, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*C J Osborn Co, 132 Nassau St, N Y 38

Rohm & Haas Names to remember in

SYNTHETIC RESINS

PAINTS varnishes, lacquers, printing inks
ACRYLOID—acrylic ester resins
AMBERLAC—modified alkyd resins
AMBEROL—phenol formaldehyde resins
DURAPLEX—alkyd resins
PARAPLEX—alkyd resin plasticizers
RHOPLEX—acrylic emulsions
UFORMITE—urea formaldehyde resins

PLASTICIZERS for vinyl and other compounds
PARAPLEX G series—non-migrating resinous plasticizers
MONOPLEX—efficient monomeric ester plasticizers

ADHESIVES for bonding plywood and furniture
AMBERLITE—phenol and resorcinol formaldehyde types
UFORMITE—powder and liquid form urea formaldehyde types
TEGO—phenol formaldehyde resin in film form

PAPER with improved wet-strength, dry tensile, wet-rub and other properties
UFORMITE—urea formaldehyde resins in liquid and powder form
RHOPLEX—acrylic emulsions

REINFORCED PLASTICS
PARAPLEX P series—polyester resins

ION EXCHANGE
for treating water, for isolation, concentration and purification processes
AMBERLITE—ion exchange resins

For technical data write Rohm & Haas Company, Dept. WG, Washington Square, Philadelphia 5, Pa.

ACRYLOID, AMBERLAC, AMBERLITE, AMBEROL, DURAPLEX, MONOPLEX, PARAPLEX, RHOPLEX, TEGO and UFORMITE are trade-marks, Reg. U.S. Pat. Off. and in principal foreign countries.

HEADQUARTERS FOR

SYNTHETIC RESINS

Dyals
(Phthalic & Maleic Alkyds)

Dyphenes
(100% Phenolics)

Dymals
(Maleic Resins)

Dyphenites
(Modified Phenolics)

THE SHERWIN-WILLIAMS CO.

PIGMENT, CHEMICAL AND COLOR DIV.

Cleveland New York Chicago Oakland
Boston Philadelphia
And other principal cities

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Pabco Products, 475 Brannan St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Shell Chem Corp, 50 W 50 St, N Y 20
Sherwin-Williams Co, 100 Park Ave, N Y 17
*Snyder Chem Corp, Henry St, Bethel, Conn
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Ca
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47 Ill
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*United States Industrial Chem Co Div, 120 Broadway N Y 5
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*G A Wharry Co, 95 Broad St, N Y 4

RESINS, TERPENE

●Pkg—300 lb. drums.

*Barrett Div, 40 Rector St, N Y 6
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Newport Industries, 230 Park Ave, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St Clairton, Pa
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*G A Wharry & Co, 95 Broad St, N Y 4

Hydrocarbon
PANAREZ
Resins
Thermoplastic series of synthetic hydrocarbon resins available in several grades and melting points.
PAN AMERICAN CHEMICALS
PAN AMERICAN DIVISION Chemicals
122 East 42nd Street New York 17, N. Y.

NEVILLE
SYNTHETIC RESINS
Coumarone, modified Coumarone, Petroleum and Alkylated Phenol resins for Adhesives, Chewing Gum, Coatings, Floor Tile, Ink, Rubber, Textile Proofing Varnish, etc.
THE NEVILLE COMPANY
PITTSBURGH 25, PA.

SYNTHETIC RESINS
Mirasol Alkyds
Carbasol Maleics
PIGMENT DISPERSIONS
Nitrocol
Vinycol
Ethycol
For
PROTECTIVE COATINGS
Lacquers
Varnishes
Synthetics
Ethyl Cellulose
Vinyls
C. J. OSBORN COMPANY
132 NASSAU ST. NEW YORK 7, N. Y.
SYNTHETIC RESINS
ESTABLISHED 1899

SYNTHETIC RESINS
PICCOPALE
Hard hydrocarbon resin with variety of industrial uses. Compounding aid for plastic and rubber materials. Waterproofing, sizing, wax mixtures for coating and glazing paper. Magic mud. With polyethylene, etc.
SYNVAR RESINS
Phenolic, Urea and Resorcinol Resins for rubber compounding, cements, adhesives, and laminating in wood working industry.
PICCOUMARON INDENE RESINS
A complete range of melting points and colors for light or dark compounds.
PICCOLYTE Terpene Resins
Pure hydro-carbon Terpene Resins.
PICCOLASTIC Styrene Resins
Polymers of Styrene and its homologues comprising a wide range of melting points, molecular weights and solvencies. Alkali and acid resisting to a high degree.
RESINEX
A polymerized aromatic resin type softener. Improves tensile, elongation, resistance to abrasion and cut-growth. Its softening action speeds milling and smooths out stocks for better extrusion. Available in complete range of melting points from liquid to solid.
RECORD RESINS
A Modified Styrene designed especially for phonograph record binder.
HARWICK STANDARD CHEMICAL CO.
Akron, Boston, Chicago, Los Angeles, Trenton

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

UREA RESINS

Liquid or paste.
For plywood, woodworking
and textile treating.

Barrett®

*Reg. U. S. Pat. Off.

BARRETT DIVISION
Allied Chemical & Dye Corporation
40 Rector Street, New York 6, N. Y.

RESINS, UREA FORMALDEHYDE

● Pkg—Drums, bbls.

●American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
●American-Marietta Co, Adhesive, Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
●Borden Co, Chem Div, 350 Madison Ave, N Y 17
●Bryant Chem Corp, 6 North St, N Quincy, Mass
●Catalin Corp of America, 1 Park Ave, N Y 16
●Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51 Ill
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
●Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
Kolon Trading Co, 15 Park Row, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
●Merrimac Div, Monsanto Chem Co, Chemical Lane Everett 49, Mass
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
●National Casein Co, 601 W 80 St, Chicago 20, Ill
●Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
●Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
●Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa
●Reichhold Chem, 630 5 Ave, N Y 20
●Rohm & Haas Co, 712 Locust St, Phila 5, Pa
●Scher Bros, 519 Getty Ave, Clifton, N J
●Snyder Chem Corp, Henry St, Bethel, Conn
●United States Industrial Chem Co Div, 120 Broadway N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
●Watson-Park Co, Box 158, Ballard Vale, Mass
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, VARNISH

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21 Cal
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
●Aikydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
*American Products Mfg Co, 8127-33 Oleander St, New Orleans 18, La
*Bakelite Co, 30 E 42 St, N Y 17
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
●Barrett Div, 40 Rector St, N Y 6
*Crosby Chem, P O Box 32, De Ridder, La
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51 Ill
●Durez Plastics & Chem, 5 Walck Rd, N Tonawanda N Y
*General Electric Co, Chem Div, Pittsfield, Mass
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
●Hilton Davis Chem Co Div, 2235 Langdon Farm Rd Cincinnati 13, Ohio
●Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
●Marblette Corp, 37-21 30 St, L I C 1, N Y
●Neville Co, Neville Island, Pittsburgh 25, Pa
*Pabco Products, 475 Brannan St, San Francisco, Cal
●Pan American Chem Div, 122 E 42 St, N Y 17
●Pennsylvania Industrial Chem Corp, 120 State St Clairton, Pa
●Reichhold Chem, 630 5 Ave, N Y 20
●Rohm & Haas Co, 712 Locust St, Phila 5, Pa
●William H Scheel, 38 Franklin St, Bklyn 22, N Y
●Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
●Shell Chem Corp, 50 W 50 St, N Y 20
●Sherwin-Williams Co, 100 Park Ave, N Y 17
●Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Ca
Stanalchem, Inc, 350 Madison Ave, N Y 17
●Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47 Ill
●United States Industrial Chem Co Div, 120 Broadway N Y 5
●Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
●Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
●G A Wharry Co, 95 Broad St, N Y 4

RESINS, VINYL

Thermoplastic resins made by the polymerization of vinyl acetate, vinyl chloride, and combinations of the two, possessing the characteristics of being tasteless, odorless, non-flammable, and with the exception of the polyvinyl acetate group not acted upon by acids, alkalies, alcohol, water, oil, greases, etc. Vinyl resins find wide application in lining metal containers, for caps, coating cement coatings, molding phonograph records, dentures, impregnating fabrics, coating papers, and for molding miscellaneous items. Available in sheets, rods, tubes, and powder for molding.

American Firstoline Corp, 420 Lexington Ave, NY 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Angier Products, 120 Potter St, Cambridge 42, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Bell Chem Co, 25 W 44 St, N Y 36
Godfrey L Cabot, 77 Franklin St, Boston, Mass
Chemical Service Corp, 82 Beaver St, NY 5
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*David E Long Corp, 220 E 42 St, N Y 17
●Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
●Naugatuck Chem Div, Elm St, Naugatuck, Conn
●Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
●Pabco Products, 475 Brannan St, San Francisco, Cal
●Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Plastichemicals Co, 1 Beekman St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
●Shawinigan Products Corp, 350 5 Ave, N Y 1
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
●G A Wharry Co, 95 Broad St, N Y 4

RESINS, VINYL ORGANISOL

American Firstoline Corp, 420 Lexington Ave, N Y 17
●American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Bakelite Co, 30 E 42 St, N Y 17
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
●B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio

Firestone EXON . . .

VERSATILE VINYL RESINS YOU CAN COUNT ON FOR QUALITY

FEATURING EXON 402-A, A DEPENDABLE DOMESTIC SOURCE FOR UNPLASTICIZED P.V.C.

You can weld, cement, saw, stamp, plane, emboss, shear, mill, drill, and roll unplasticized vinyls made from Firestone Exon 402-A. It is superior to customary metals because of its non-corrosive qualities. Up to 90% weld-strength can be achieved. Yet Exon 402-A is inexpensive, easy to work on conventional metal and woodworking equipment.

SOME OTHER FINE EXON RESINS WHICH OFFER A WIDE VARIETY OF DESIRABLE PROPERTIES:

EXON 400 XR-61... a fluorinated thermoplastic resin.
EXON 450 . . . a vinyl chloride copolymer of intermediate molecular weight.
EXON 500... a high molecular weight polyvinyl chloride resin having excellent electrical properties.
EXON 654... a polyvinyl chloride plastisol resin.
EXON 700 XR-59... a latex containing a vinyl chloride polymer of high solids concentration.
EXON 900A... a high molecular weight general purpose polyvinyl chloride resin for calendering, extrusion, and molding.
EXON 905, 915 and 925... three fast fusing vinyl resins covering a processing temperature range from 275°F to 375°F.



... EXON ..... **CHEMICAL SALES DIVISION,** DEPT. 3-BX
FIRESTONE PLASTICS CO., POTTSTOWN, PA.

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

RESINS, VINYL PLASTISOL

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Bakelite Co, 30 E 42 St, N Y 17
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

RESINS, WATER SOLUBLE

*Acme Resin Corp, 1401 S Circle Ave, Forest Park, Ill
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American-Marietta Co, Adhesive Resin & Chem Div, 3400 13 Ave S W, Seattle 4, Wash
*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Corn Belt Adhesives, 815 22 Ave, Council Bluffs, Iowa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Durez Plastics & Chem, 5 Walck Rd, N Tonawanda, N Y
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Napco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Standard Chem Products, 1301 Jefferson St, Hoboken N J
*Varcum Chem Corp, P O Box 476, Niagara Falls, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*G A Wharry & Co, 95 Broad St, N Y 4

RESINS, WRINKLING

*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
O G Innes Corp, 82 Wall St, N Y 5
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*G A Wharry & Co, 95 Broad St, N Y 4

RESORCIN see Resorcinol

RESORCINOL (Resorcin, m-Dihydroxybenzene, Benzenediol)

$C_6H_4(OH)_2$. M.W. 110.05. Almost colorless cryst. Sp. gr. 1.285 (15°C). M.P. 110°C. B.P. 276°C. Sol. water, alcohol, benzene, amyl alcohol. Uses—mfr. phthalein and azo dyestuffs, fluorescein colors, pharmaceuticals, trinitroresorcinol, resin, hair remedies; camphor substitute in celluloid; laboratory reagent; textile dyeing and printing; in medicine. Grades—U.S.P.; powd.: commercial; crude; resublimed.
●Pkg—25, 100, 200, 250, 275 lb. bbls., drums.

J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
William D Neuberg Co, 420 Lexington Ave, N Y 17
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
United Sterling Chem Corp, 350 5 Ave, N Y 1

RESORCINOL MONOACETATE

$(OH)C_6H_4(CH_3CO_2)$. Thick, oily, yellow liq. B.P. 150-155°/10 mm. Sol. acetone, alcohol, benzene. Uses—in medicine and cosmetics. Grades—N.N.R.
●Pkg—Custom packed.

*Bilhuber-Knoll Corp, 377 Crane St, Orange, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

RESORCINOLPHTHALEIN see Fluorescein

RETARDANTS, CEMENTS

*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

RETARDANTS, DYE

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E I du Pont de Nemours & Co, Organic Chem Dept Fine Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
M Michel & Co, 90 Broad St, N Y 4
*Scholler Bros, Collins & Westmoreland Sts, Phila 34 Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Jacques Wolf & Co, Passaic, N J

RETARDANTS, RUBBER

Materials introduced into uncured rubber which delay the cure in the early stages without affecting adversely the ultimate cure.

*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Organic Chem Dept Rubber Chem Section, Wilmington 98, Del
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

RETINOL see Oil, Rosin

RHENIUM, METAL

Re. At wt. 186.31. Dark heavy metal unaffected by moist air. M.P. above 3100°C. May be made in powd. form by reduction of the sulfide or oxide. Has marked catalytic properties. Uses—catalyst in hydrogenation of ethylene to ethane; mfr. of electric wires.

City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

RHODINOL

$C_{10}H_{19}OH$. M.W. 156.2. Oily liq. with rose odor. Uses—perfumery.
●Pkg—Bottles.

*Dodge & Olcott, 180 Varick St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Internatio-Rotterdam, 61 Broadway, N Y 6
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*George Lueders & Co, 427 Washington St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Tombarel Products Corp, 12 E 22 St, N Y 10
*van Ameringen-Haebler, 521 W 57 St, N Y 19

LEMOL
Polyvinyl Alcohol

Six standardized grades of polyvinyl alcohol for manufacture under the trade name "Lemol" represent most widely used types.

LEMOL 51-98 — High viscosity, completely hydrolyzed . . . Waterproof adhesives.

LEMOL 24-98 — Medium viscosity, completely hydrolyzed.

LEMOL 5-98 — Low viscosity, completely hydrolyzed.

LEMOL 42-88 — High viscosity, partially hydrolyzed.

LEMOL 22-88 — Medium viscosity, partially hydrolyzed . . . Permits higher working concentrations than 42-88 type.

LEMOL 5-88 — Low viscosity, partially hydrolyzed . . . Most water sensitive grade.

LEMOL gives you an unusually tough, water soluble resin combining high tensile strength, tear-resistance, and toughness with extreme inertness to ageing, oxidation and bacterial action.

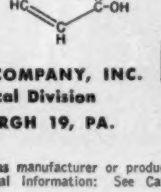
Write for complete data:

AMERICAN MONOMER CORP.

511 Lancaster Street, Leominster, Mass.

KOPPERS RESORCINOL

(meta-dihydroxybenzene)



KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

Grades Available:
Technical and U.S.P.

USES: In the preparation of room-temperature setting resorcinol-formaldehyde resin-adhesives; to modify phenol-formaldehyde, urea-formaldehyde and analogous resins; as a chemical intermediate for dyestuffs, medicinals, textile and leather chemicals, rubber tackifiers, and explosives; as a component of rubber latex adhesives for the treatment of textile reinforcement for rubber.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

CSC

RIBOFLAVIN, R.S., USP

Readily Soluble for Fluid Preparations

also

in standard solubility form for capsules and dry preparations

"First in Quality"

Samples and Literature on Request

Industrial CSC Chemicals

Acetone
Ammonia
Methanol
Methylamines
Formaldehyde
Nitroparaffins
Butanol
Tributyl Phosphate
Ethyl Alcohol

INDUSTRIAL CHEMICALS DIVISION
COMMERCIAL SOLVENTS Corporation
260 Madison Avenue
New York 16, New York
See Our Catalog Ad

RODENTICIDES
"RAT-TROL"*

A Warfarin Product available as a . . .

READY-TO-USE bait or as a 0.5% CONCENTRATE

*Trademark Registered

Another 4th THOMPSON-HAYWARD Product

THOMPSON-HAYWARD CHEMICAL COMPANY
KANSAS CITY 8, MISSOURI

Sales Offices and Warehouse Stocks at:

Minneapolis, Oklahoma City, San Antonio, N. Little Rock, Des Moines, Davenport, New Orleans, St. Louis, Dallas, Wichita, Memphis, Houston, Chicago, Omaha, Denver, Tulsa

RHODIUM, METAL

Rh. M.W. 102.91. A metal of the platinum group with At. No. 45. Forms a grayish-white ductile metal. Dens.—12.44. M.P. 1920°C. Insol. water and acids. Occurs in platinum ores. Uses—in alloys for thermo-elements and other measuring devices.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Baker & Co, 113 Astor St, Newark 5, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Variacoid Chem Co, 116 Broad St, N Y 4

RHOMBIC SPAR see Dolomite

RHUS GLABRA see Sumac

RIBOFLAVIN

●Pkg—Custom packed.

Phillip Bauer Co, 608 5 Ave, N Y 20
*Calco Chem Div, Bound Brook, N J
Clifford Chem Div, 170 Broadway, N Y 38
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hoffman-La Roche, Vitamin Div, Nutley 10, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Publicker Industries, 1429 Walnut St, Phila, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

RICINUS see Castor Bean

RIO ARROWROOT see Tapioca Flour

ROAD SURFACING COMPOUNDS

Largely tars of varying specifications to meet peculiar problems of road surfacing and maintenance. Such factors as aggregate, weather, traffic volume, grade, drainage, etc., must be considered. Many states, counties, municipalities and the federal government have definite specifications. Reference should also be made to the various specifications of the A.S.T.M. relative to products of this type.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland A, Oregon
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

ROCK SALT see Sodium Chloride

ROCK SALT MOSS see Moss, Irish

RODENTICIDES

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Beechem Labs, 1102 W State St, St Johns, Mich
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Dow Chem Co, Midland, Mich
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
Henley & Co, 801 2 Ave, N Y 17
*S B Penick & Co, 50 Church St, N Y 7
*John Powell & Co, 1 Park Ave, N Y 16
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Sennewald Drug Co, 2723 Chouteau Ave, St Louis 3, Mo
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

ROMAN VITRIOL see Copper Sulfate

ROOFING COMPOUNDS

American Firstoline Corp, 420 Lexington Ave, N Y 17
Armstrong Co, 241 S Post St, Detroit 17, Mich
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cohutta Talc Co, P O Drawer 363, Dalton, Ga
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Cotton Oil Co, 25 Broad St, N Y 4
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ROOTS, HERBS, BARKS, etc., CRUDE

*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Gane & Ingram, 43 W 16 St, N Y 11
W R Grace & Co, 7 Hanover Sq, N Y 5
McKesson & Robbins, 155 E 44 St, N Y
*Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38

ROSE VITRIOL see Cobalt Sulfate

ROSIN, GUM (Colophony, Pine Resin, Abietic Anhydride, Yellow Resin, Resina)

Natural, solid amorp. From distillation of crude turpentine. Various colors. Sp. gr. 1.08. M.P. 100-140° C. Uses—mfr. soaps, varnish and paint driers, spirit varnishes, floor waxes and other wax compositions, waterproofing and roofing compositions, leather cements, dressings, shoe polishes, soldering flux, high speed machine lubricants, sealing and shoemaker's waxes, oil-cloth, linoleum, dry batteries and for various electrical mfr. purposes, printing inks, rosin oil, sweeping compounds, cements, rubber substitutes, axle greases, brewer's pitch, dusting molds, foundries, ointments, plasters, artificial amber, pharmaceutical products; adulterating other resins; sizing paper; hardening steel; engraving and lithography; waterproofing boxboard; filler for shrapnel shells; cementing knife handles, etc.; on violin bows, etc.; in textiles; in medicine. Grades—as to color (quoted on basis of 280 lb. gross).

●Pkg—100 lb. bags, 517 lb. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
Chematar Inc, 40 Exchange Pl, N Y 5

ROSIN
TURPENTINE

ROSIN — TURPENTINE
PINE OIL — DIPENTENE — TERPENES
SOLVENTS — CHEMICALS

G. A. Wharry & CO., INC.
95 Broad Street • New York 4, N. Y.
Cable Address: KAYWHARRY

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
William S Gray & Co, 342 Madison Ave, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
International Commodities Corp, 11 Mercer St, N Y 13
L J & M La Place, Leilarts Lane, E Paterson, N J
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

ROSIN NON-OXIDIZING

*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Newport Industries, 230 Park Ave, N Y 17
Thiokol Corp, 780 N Clinton Ave, Trenton, N J

ROSIN, POWDERED

*Crosby Chem, P O Box 32, De Ridder, La
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*R Gesell, 200 W Houston St, N Y 14
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Meer Corp, 318 W 46 St, N Y 36
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
*Zophar Mills, 103 26 St, Bklyn 32, N Y

ROSIN, TALL OIL

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Arizona Chem Co, 30 Rockefeller Plaza, N Y 20
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*J M Baird & Co, 254 W 31 St, N Y 1
John A Chew, 60 E 42 St, N Y 17
*General Mills, 400 2 Ave S, Minneapolis, Minn
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
George Lue Co, 76 9 Ave, N Y 11
Welch, Holme & Clark Co, 439 West St, N Y 14

ROSIN, TURPENTINE

*G A Wharry & Co, 95 Broad St, N Y 4

ROSIN, WOOD (Colophony)

Natural, solid amorp. By extraction from long leaf pine wood. Grades—FF, I, K, M, N, WG, and WW. Sp. gr. approx. 1.08. M.P. (drop method) 75°-85°C. M.P. (ring and ball method) 70°-80°C. Uses—same as gum rosin.
● Pkg—500 lb. drums.
S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Crosby Chem, P O Box 32, De Ridder, La
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
William S Gray & Co, 342 Madison Ave, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
International Commodities Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
*Southern Naval Stores Div, Columbia, Miss
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14
G A Wharry Co, 95 Broad St, N Y 4

ROSINOL see Oil, Rosin

ROSINS, LIMED

A group of rosins produced by treating various grades of wood rosins with chemical hydrated lime under carefully controlled conditions to give a variety of limed rosins. Uses—core binders in floor tile, core oils, printing ink, battery wax, box toes, thermoplastics, gloss oils, matches, cements, adhesives, sealing wax, cold cut varnish, felts, etc.
S L Abbot Co, 135 King St, San Francisco 7, Cal
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Crosby Chem, P O Box 32, De Ridder, La
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99 Del
*Newport Industries, 230 Park Ave, N Y 17
*C J Osborn Co, 132 Nassau St, N Y 38
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Southern Naval Stores Div, Columbia, Miss
*G A Wharry Co, 95 Broad St, N Y 4
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

ROSS' WHITE see Lithopone

ROTENONE

$C_{23}H_{22}O_6$. M.W. 394.15. Colorless, odorless, crystalline constituent of certain tropical fish-poison plants. Poisonous to insects but not to humans. M.P. 163°C. Sp. gr. 1.27 gr. per cc. (20°C). Sol. in chloroform, less sol. in ethylene dichloride, trichlorethylene, chlorobenzene, ethylene, chlorohydrin, benzene, acetone and toluene in order named. Made in commercial quantities largely from derris root (British or Dutch East Indies). Root usually packed in 200 lb. bags. Extracted with carbon tetrachloride. Purity improved by recrystallization from alcohol. Uses—in commercial flea powders, fly sprays, greenhouse and horticultural sprays. Grades—tech.; C.P.
● Pkg—75 lb. bags.
S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*American Quinine Co, 15 William St, N Y 5
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*S B Penick & Co, 50 Church St, N Y 7
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

ROTTEN STONE (Terra Cariosa)

Ash-brown, natural, solid amorp. Uses—mfr. polishing compositions, abrasives; filtering oils; general filtering medium.
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L J & M La Place, Leilarts Lane, E Paterson, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

HERCULES



WOOD ROSINS

Pale grades for soap, paints and varnishes, synthetic resins, and many other uses. Clean. Free from foreign matter. Controlled uniformity.



HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

WOOD ROSINS

Also manufacturers of Newport Steam Distilled Wood Turpentine, Pine Oils and Palest Limed Tall Oil Gloss Oils ever seen.

NEWPORT INDUSTRIES
230 PARK AVENUE NEW YORK 17, N. Y.

ROTENONE

BASIC MANUFACTURERS AND FORMULATORS
• Resins
• Extracts
Emulsives, Powders

CIC
CHEMICAL INSECTICIDE CORP.
129 Montague St. B'klyn 1, N.Y. ULster 2-5200

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

GE silicone RUBBER

G-E silicone rubber combines the flexible properties of organic rubber with the temperature resistance and inertness of inorganic materials. Serviceable from −120 to 600 F. Inert to metals, many chemicals, weather, ozone and arcing.

Primary uses: Ducting, gaskets, boots, bellows, belting, tapes, and grommets.

Many Grades Available

G-E silicone gums—several types for compounding silicone rubber stocks.

SE-100—for coating glass cloth and glass-served wire; encapsulating coils.

SE-360—low-compression-set grade for best "come-back" at high temperatures.

SE-550—extreme low-temperature grade for *flexibility* at −120 F.

SE-450—improved-strength grade for optimum physical properties.

SE-460—improved-strength grade for extrusion on wire and cable.

SE-972—general-purpose grade for extrusion on wire; low water absorption.

For more information about G-E silicone rubber, write to General Electric Company, Section 355-4H, Waterford, N. Y.

GENERAL ELECTRIC

SILASTIC*
THE DOW CORNING
SILICONE RUBBER

Silastic is a semi-inorganic rubber that stays flexible and resilient at temperatures from −100° to +500°F. It shows excellent resistance to oxidation and outdoor weathering, to a variety of chemicals and hot oils, to ozone and ultraviolet rays, and to compression set at high temperatures. It is waterproof and water repellent, and has good electrical insulating properties.

Over 20 different Silastic stocks are available for molding, extruding, laminating and calendering. Solvent free Silastic pastes are produced in various consistencies for coating, laminating, calking and sealing, or for embedding electrical coils.

Fabrication methods are very similar to those used in forming conventional rubbers, although oven curing is required to develop optimum properties in finished parts. Silastic parts are now produced by over 70 of the most able rubber fabricators. Typical applications include heat and oil resistant gaskets, seals and diaphragms, mechanical parts, laminates, sponged Silastic parts, Silastic insulated lead wire and cable, spark plug boots and electrical insulating tapes.

*T.M. Reg. U.S. Pat. Off.

DOW CORNING SILICONES

DOW CORNING CORP.
MIDLAND, MICHIGAN

COMPOUNDING MATERIALS
for Rubber and Plastics

Accelerators — Activators
Acid — Chromic
Alcohols
Blowing Agents
Casein
Cements — Rubber to Metal (Thixons)
Clay —
Hard
Soft
Extra White
Water Fractionated
Colors —
Stantone Masterbatch (MBS)
Stantone Water Dispersable (WD)
Stantone Vinyl Toners (PDS)
Stantone Flushed (PC)
Stantone Ground Polyethylene (GPE)
Stantone Polyvinyl Chloride (PVC)
Stantone Balloon Inks
Stantone Rubber Inks
Crayons — For Rubber Marking
Ethanolamines
Fatty Acids — Tallow, Vegetable Oil
Flock — All Colors
HSC-13
Magnesia Products —
Carbonates
Oxides (Extra Light, Light, Heavy)
GEN MAG TECH.
GEN MAG ML
Metallic Soaps
Mineral Rubber
Mold Lubricants
Plasticizers — All Types
Plastone
Reclaiming Agents
Resinex
Resins —
Piccoumarons (Para Coumarone Indene Resins)
Piccolytes (Pure Hydrocarbon Thermoplastic Terpene)
Piccolastics (Modified Styrene)
Piccopale
Cresol-Formaldehyde
Phenol-Formaldehyde
Polyesters
Resorcinal-Formaldehyde
Urea-Formaldehyde
Rubber Substitutes — Vulcanized Vegetable Oils
Shell Flour
Shellac
Silene EF
Silvacon
Soap — Flake, Powdered
Stabelan — Vinyl Stabilizers
Sulfur
Turpentine Products
Wetting Agents
Whitings
Zinc Oxide

HARWICK STANDARD CHEMICAL CO.
Akron, Boston, Chicago, Los Angeles, Trenton

ROUCOU see **Annatto**

RUBBER, CHLORINATED

●Pkg—50 lb. bags.

J M Baird Co, 254 W 31 St, N Y 1
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Hercules Powder Co, 978 Market St, Wilmington 99, Del

RUBBER COMPOUNDING MATERIALS

Chemicals, dyes, fillers, accelerators, etc., used in the mfr. of rubber articles. The composition determines the nature and properties of the rubber.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*J M Baird & Co, 254 W 31 St, N Y 1
*Burgess Chem Co, 64 Hamilton St, Paterson 1, N J
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51 Ill
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Organic Chem Dept Rubber Chem Section, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Electric Co, Chem Div, Pittsfield, Mass
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*General Magnesite & Magnesia Co, Box 671, Norristown, Pa
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron Ohio
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
*Mississippi Lime Co, Alton, Ill
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Rosin Oil Products, R K O Bldg, Radio City N Y 20
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Ohio Hydrate & Supply Co, Woodville, Ohio
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pan American Chem Div, 122 E 42 St, N Y 17
*Pennsylvania Industrial Chem Corp, 120 State St Clairton, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*Rare Metal Products Co, Atglen, Pa
*Rubba Inc, 1015 E 173 St, N Y 60
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
L A Salomon & Bro, 216 Pearl St, N Y 38
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Naval Stores Div, Columbia, Miss
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
*Wyandotte Chem Corp, Wyandotte, Mich

RUBBER, NATURAL

*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
O G Innes Corp, 82 Wall St, N Y 5
Internatio-Rotterdam, 61 Broadway, N Y 6
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

RUBBER, RECLAIMED

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Naugatuck Chem Div, Elm St, Naugatuck, Conn

RUBBER, SILICONE

*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
Rosenthal Bercow Co, 25 E 26 St, N Y

RUBBER, STARCH

C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

RUBBER SUBSTITUTES

Compounds usually made from vulcanized oil and mineral rubber, or from sulfurized castor and corn oils, or rapeseed and soybean oils, to impart smooth finishes on tubing, uniform pores in sponge rubber, to improve erasers, to facilitate the extrusion operation, and to reduce gravity.

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
Witco Chem Co, 260 Madison Ave, N Y 16

RUBBER, SYNTHETIC

Synthetically produced materials which closely resemble natural rubber in physical and/or chemical characteristics and yet possess special properties not found in the natural product, making them peculiarly fitted for certain uses, as in rubber hoses for handling oils, gasoline, making gaskets, etc.

*American Monomer Corp, 511 Lancaster St, Leominster, Mass
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept Rubber Chem Section, Wilmington 98, Del
*Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*General Electric Co, Chem Div, Pittsfield, Mass
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
International Selling Corp, 122 E 42 St, N Y 17
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
Rubba Inc, 1015 E 173 St, N Y 60
*Thiokol Corp, 780 N Clinton Ave, Trenton, N J

RUBBER TACKIFIERS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*General Latex & Chem Corp, 666 Main St, Cambridge 39, Mass
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*J M Huber Corp, 100 Park Ave, N Y 17
*Indoil Chem Co, 910 S Michigan Ave, Chicago 80, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Rubba Inc, 1015 E 173 St, N Y 60
*Southern Naval Stores Div, Columbia, Miss
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

RUBIDIUM, METAL

Silvery-white metal; easily oxidized in air, therefore kept immersed in naphtha, kerosene. Sp. gr. 1.532. M.P. 39°C. B.P. 696°C. Sol. acids and alcohol; decomp water. Uses—produce rubidium salts. Grades—tech.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacold Chem Co, 116 Broad St, N Y 4

RUBIDIUM SALTS

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Delton Products Corp, 154 Nassau St, N Y 38
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
George F Smith, 60 E 42 St, N Y 17
*Variacold Chem Co, 116 Broad St, N Y 4

RUBY ARSENIC see Arsenic, Red

RUST REMOVERS

*American Chem Paint Co, Ambler, Pa
*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35 Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Enthone Inc, 442 Elm St, New Haven, Conn
*Fidelity Chem Products Corp, 470 Frelinghuysen Ave, Newark 5, N J
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Kano Labs, 1000 S Thompson Lane, Nashville 11, Tenn
*Klem Chem, 14401 Lanson, Dearborn, Mich
*J & M La Place, Leliarts Lane, E Paterson, N J
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

RUSTPROOFING COMPOUNDS

Specially formulated products for use in the several different processes of covering metal surfaces with a protective coating to prevent formation of rust and corrosion.

*American Chem Paint Co, Ambler, Pa
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Cidex Corp, 85 Franklin St, Jersey City 7, N Y
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Heatbath Corp, Box 78, Springfield, Mass
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Kall Mfg Co, 427 Moyer St, Phila 25, Pa
*Klem Chem, 14401 Lanson, Dearborn, Mich
*Emil Klemm Inc, 88 1 St, Salt Lake City, Utah
*David E Long Corp, 220 E 42 St, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Nielco Chem, 8129 Lyndon Ave, Detroit 21, Mich
*Nox-Rust Chem Corp, 2429 S Halsted St, Chicago 8, Ill
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*Penola Oil Co, 15 W 51 St, N Y 19
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

RUTHENIUM, METAL

Ru. Silver-like, non-ductile metal of the platinum group. Dens., 12.06. Sp. gr. 12.2. M.P. 2,450°C. Brinell Hardness 220 (cast). Sol.—attacked by fused alkalis; insol. acids, aqua regia. Uses—hardener for platinum and palladium in jewelry, electrical contact, etc., alloys.

*American Platinum Wks, 231 New Jersey R R Ave, Newark 5, N J
*Baker & Co, 113 Astor St, Newark 5, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Variacold Chem Co, 116 Broad St, N Y 4

INDONEX

Reg. U. S. Pat. Off.

Rubber Compounding Materials

INDOIL CHEMICAL COMPANY

INDOIL® CHEMICAL PRODUCTS

910 S. Michigan Avenue, Chicago 80, Illinois

RUTILE

Major oxide TiO_2. Uses—stain for enamels, tiles, and ceramics; making non-ferrous titanium alloys, prep. of titanium compounds.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Cole Labs, 42-25 9 St, L I C 1, N Y
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Legion Chem, 70 Wall St, N Y 5
*Metal & Thermit Corp, 100 E 42 St, N Y 17
Nopel Corp, 2 Broadway, N Y 4
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

RUTIN (3-5-7-3-4-Pentahydroxyflavone-3-Rutinoside)

$C_{27}H_{30}O_{16}\cdot 3H_2O$. M.W. 664. Very fine, yellow crystalline material. Uses—in mfg. of tablets for the drug trade.

●Pkg—1, 10, 50 K drums.

American Roland Corp, 16 Hudson St, N Y
Arnida Products Co, 15 Whitehall St, N Y 4
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
*Conray Products Co, 510 Ave of the Americas, N Y 11
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Inland Alkaloid Co, Tipton, Ind
*B L Lemke & Co, 199 Main St, Lodi, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Nepera International Corp, 37 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SACCHARATED LIME see Calcium d-Saccharate

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SACCHARIN
U.S.P.

Soluble and Insoluble
Powder Granular
Crystals

MENTHOL
U.S.P.

White Crystals (Racemic)
Superior Quality

CHLORAMINE-T
N.F.

Disinfectant • Surgical Antiseptic

LANOLIN U.S.P.

Fine Chemcials • Drugs
Intermediates

BENDIX CHEMICAL
CORPORATION
422 LEXINGTON AVE., N.Y. 17, N.Y.
MUrray Hill 3-3204

META

SALICYLAMIDE

Diethylamine Salicylate
Para-Amino Benzoic Acid
Sodium Para-Amino Benzoate
dl-Desoxyephedrine Base
dl-Desoxyephedrine Hydrochloride

Exclusive Sales Agent
R. W. Greeff & Co., Inc.
10 Rockefeller Plaza, New York, N. Y.
Tribune Tower, Chicago, Illinois

META CHEMICAL CORP.
Carlstadt, N. J.

SACCHARIN MONSANTO

Specifications, U.S.P. Grade: White powder; assay 98% min.; m.p. 227.0% C. min.; loss on drying 0.50% max., solubility in 10% Na_2CO_3 (1:5) complete. **Specifications, Saccharin, Sodium, U.S.P.:** White crystals or powder; solubility in water (1:8), complete. Loss on drying at 125° C.: crystals—14.35% max.; powder—5.8% max. Free sample, 1 oz.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS—PLASTICS

SACCHARIN

$C_6H_4SO_2CONH$. White crystalline powd. M.P. 222°-228°C. Sol. alcohol, benzine, ethyl acetate, sl. water. Uses—because of sweetness as a sugar substitute. Grades—commercial; U.S.P.; C.P.
● Pkg—25, 50, 100 lb. drums.

American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bell Chem Co, 25 W 44 St, N Y 36
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
De Bear Inc. 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Fritzsche Bros, 76 9 Ave, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Kolon Trading Co, 15 Park Row, N Y
Legion Chem, 70 Wall St, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maumee Development Co, 2 Oak St, Toledo 5, Ohio
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Ben P Steele Co, 342 Madison Ave, N Y 17
*F H Taussig, 175 W 76 St, N Y 23
O J Weeks Co, 44 N Moore St, N Y 13

SAFFLOWER see Saffron, American

SAFFRON, AFRICAN see Saffron, Spanish

SAFFRON, AMERICAN (Carthamus, Saflower, Bastard Saffron, False Saffron)

Dried flowers of Carthamus tinctorius. Habitat—India, Egypt, Levant, cultivated in America. Uses—coloring agent for foods and confections, as laxative, as medicinal tea (diagnose measles). Grades—tech. (Carthamus tinctorius).

Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7

SAFFRON, SPANISH (African Saffron, French Saffron, Crocus)

Dried stigmas of flowers of Crocus sativus. Habitat—Southern Europe, Asia, France, Spain, cultivated in America. Uses—as coloring and flavoring agent, as medicinal tea (diagnose measles). Grades—tech.; N.F. Cont.—boxes.

Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SAFROL

Odorous constituent of oils sassafras, camphor-tree, and other oils. Colorless or sl. yellowish liq. Sp. gr. 1.108 (15°C). B.P. 233°C. Solidifies 20°C. Sol. alcohol, chloroform, ether. Uses—denaturing fats in soap making; in perfumery and medicine.
● Pkg—Custom packed.

*Dodge & Olcott, 180 Varick St, N Y 14
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

SAGO DEXTRIN see Dextrin

SAGO FLOUR

Flour from sago plant, Metroxylon laeve. White, amorp. powd. Swells in water. Uses—mfr. baked products, confectionery, candies, food preparations, vegetarian foods, curry powd., cocoa, sago starch, glues, pastes, glucose; for culinary purposes; sizing textiles and cellulose fibres. Grades—tech.; edible.

W R Grace & Co, 7 Hanover Sq, N Y 5
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

SALACETIN see Acid, Acetylsalicylic

SAL ACETOSELLA see Potassium Binoxalate

SAL AMMONIAC see Ammonium Chloride

SALATERUS see Potassium Bicarbonate

SALAZOLON see Antipyrine Salicylate

SAL CHALYBIS see Ferrous Sulfate

SALICIN

$C_{13}H_{18}O_7$. M.W. 286.2. A glucoside from the bark of the American aspen, willows, and spiraea species. Colorless leaflets. M.P. 201°C (decomp.). Sol. water, alcohol; insol. ether. Hydrolyzes to glucose and salicyl alcohol—the latter is oxidized to salicylic acid. Uses—reagent for nitric acid, and as a anti-pyretic and tonic.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*S B Penick & Co, 50 Church St, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SALICYLAL see Salicylaldehyde

SALICYLALDEHYDE (Salicylic Aldehyde, o-Oxybenzaldehyde, Salicylal)

o-$C_6H_4OH.CHO$. M.W. 122.0. Dark-red oil. Sp. gr. 1.1 at 20/4°C. Miscible with alcohol, ether, and benzene, slightly sol. water. Uses—synthesis of organic derivatives, as a reagent in analytical chemistry.
● Pkg—Gal. bottles, 10, 55 gal. drums.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Simpson Labs Div, 120 Wall St, N Y 5

SALICYLAMIDE

$C_6H_4(OH)CONH_2$. M.W. 137. White crystalline solid. M.P. 139°C. Sl. sol. in cold water; sol. in hot water, weakly basic solutions, and most organic solvents. In addition to being mildly antiseptic, it is a general anti-mildew and anti-fungus reagent, as is also its mercuration product. Mild narcotic action is also exhibited. Uses are suggested in externally applied, mildly antiseptic and fungicidal preparations of the nature of soaps, salves, oils, powders, lotions and tonics.
● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Nepera International Corp, 37 Wall St, N Y 5
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Riches-Nelson, 342 Madison Ave, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SALICYLANILIDE

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SALICYLIC ALDEHYDE see Salicylaldehyde

SALIGENIN (Salicyl Alcohol; o-Hydroxybenzyl Alcohol; 1,2 Phenolmethylol)

$OHC_6H_4CH_2OH$. M.W. 124.10. Uses—medicinal.

*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Ottawa Chem Co, 823 Hamilton St, Toledo 7, Ohio
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SALIMAC see Ammonium Chloride

SALIMENTHOL see Menthyl Salicylate

SALOL (Phenyl Salicylate)

$OHC_6H_4CO_2C_6H_5$. White cryst. powd., with faint aromatic odor. Sp. gr. 1.2614. B.P. 172°-173°C. M.P. 41°-43°C. Sol. alcohol, ether, benzine, sl. in water. Uses—as a preservative; in medicine.
● Pkg—25 lb. boxes, 25, 100, 200, 225, 250 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Simpson Labs Div, 120 Wall St, N Y 5

SALPRUNELLA see Potassium Nitrate

SAL SODA see Sodium Carbonate

SALT see Sodium Chloride

SALT, ANTIMONY (de Haens Salt)

$(NaF + SbF_3)$ mixture. Also a mixture of $SbF_3 + (NH_4)_2SO_4$. White crystalline. Sol. water. Uses—mordant in dyeing and printing textiles. Grades—tech. cryst. (mixture of antimony and sodium fluoride).

*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Merck & Co, Rahway, N J

SALT, BLUE see Nickel Salts

SALT CAKE see Sodium Sulfate

SALT, D. P. G. see Diphenyl Guanadine

SALT, DE HAEN see Salt, Antimony

SALT, DIURETIC see Potassium Acetate

SALT, ELECTROLYTIC see Nickel Salt

SALT, ESSENTIAL, OF LEMON see Potassium Binoxalate

MONSANTO SALICYLAMIDE

Appearance and Color: White powder or crystals. Melting Point: 139°C. pH of Saturated Water Solution at 28°C.: 5.0 approx. Solubility: (approx.)

Water at 30°C	0.2%
Water at 47°C	0.8%
20% Cane Sugar Solution	Same as above
50% Cane Sugar Solution	Same as above
Glycerin at 5°C	2.0%
Glycerin at 39°C	5.0%
Glycerin at 60°C	10.0%
Propylene Glycol at 5°C	10.0%

Taste: Initially somewhat bitter. Produces definite sensation of warmth on the tongue and in the throat. Miscellaneous: Forms water-soluble sodium salt with NaOH or Na_2CO_3 at pH of about 9.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Mo.

MONSANTO
CHEMICALS – PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

SALT, G see G Salt

SALT, GRAHAM'S see Sodium m-Phosphate

SALT OF LEMERY see Potassium Sulfate

SALT, MACQUER'S see Potassium Arsenate

SALT, MEAT see Ammonium Fluoride

SALT, MICROSMIC see Sodium Ammonium Phosphate

SALT, MOHR'S see Ferrous Ammonium Sulfate

SALT, MORDANT see Aluminum Acetate, Basic

SALT, PHOSPHORUS see Sodium Ammonium Phosphate

SALT, PURPLE see Potassium Permanganate

SALT, ROCHELLE see Potassium Sodium Tartrate

SALT, SCHAEFFER'S see Schaeffer's Salt

SALT, SEA see Sodium Chloride

SALT, SEIGNETTE see Potassium Sodium Tartrate

SALT SOLUTIONS, BALANCED

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

SALT OF SORREL see Potassium Binoxolate

SALT, TABLE see Sodium Chloride

SALT, TASTELESS see Sodium Phosphate, Mono-Sodium

SALT, TRUE see Caffeine, Citrated

SALTPETRE see Potassium Nitrate

SALTS, BITTER see Magnesium Sulfate

SALTS, CHOLINE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

SALTS, COMMON see Sodium Chloride

SALTS, DIAZOTIZING see Sodium Nitrate

SALTS, ELECTROPLATING

Specially prepared ingredients eliminating the necessity of the plater compounding his own baths and insuring correct proportions. Available for all the more commonly employed baths, including chromium, cadmium, nickel, zinc, etc.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Chemical Service Corp, 82 Beaver St, N Y 5
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Enthone Inc, 442 Elm St, New Haven, Conn
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y
L J & M La Place, Lellarts Lane, E Paterson, N J
*Linick Chem Co, 59 E Madison St, Chicago 3, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Metal & Thermit Corp, 100 E 42 St, N Y 17
Shephard Chem Corp, 117 Liberty St, N Y 6

SALTS, EPSOM see Magnesium Sulfate

SALTS, GOLD see Gold Sodium Chloride

SALTS, HARTSHORN see Ammonium Carbonate

SALTS, HEAT TREATING

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Croton Chem Corp, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heatbath Corp, Box 78, Springfield, Mass
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich

SALTS OF TARTAR see Potassium Carbonate

SALTS OF VITRIOL see Zinc Sulfate

SALTS OF WORMWOOD see Potassium Carbonate

SALZBURG VITRIOL see Copper Sulfate

SANDARACH see Gum, Sandarac

SAND, FOUNDRY MOLDING

*Illinois Minerals Co, 8071½ Washington Ave, Cairo, Ill

SANDALWOOD (Santalum Album)

Wood of Pterocarpus santalinum. Habitat—Madagascar and Indo-China. U.S.P. Also Santalum album. Habitat—British India and Eastern Java. Uses—mdr. perfume preps., toilet articles, cosmetics; dyeing textiles; paint and varnish color; coloring food; extracting sandal-wood oil; as fumigant; in medicine. Grades—whole; chips; ground (Santalum album).

Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y

SANGUIS DRACONIS see Dragon's Blood

SANITARY CHEMICALS

*Antara Chem Div, 435 Hudson St, N Y 14
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Cloroben Corp, 225 Mercer St, Jersey City 2, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SANITARY CHEMICALS

For Every Need

EMULSION FLOOR WAXES
OIL-BASE PASTE WAXES
METAL POLISHES & CLEANERS
FURNITURE POLISHES
GREASE CLEANING COMPOUND
CARBON REMOVAL COMPOUND
LIQUID & PASTE SOAPS
COAL TAR DISINFECTANTS
PINE OIL DISINFECTANTS
ODORLESS DISINFECTANTS
DDT AND CHLORDANE INSECTICIDES

Formulations made to suit specific requirements

TRIO CHEMICAL WORKS, INC.

Manufacturers of Sanitation Chemicals

341-349 Scholes Street,
Brooklyn 6, N. Y.

Telephone: Hyacinth 7-3595

SANITARY CHEMICALS, continued

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
*National Chem Co, 1516 Industrial St, Los Angeles 21, Cal
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
Polak & Schwarz, 667 Washington St, N Y 14
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sindar Corp, 330 W 42 St, N Y 36
*Solvay Process Div, 61 Broadway, N Y 6
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

SANTALUM ALBUM see Sandalwood

SAPONIN

$C_{32}H_{54}O_{18}$. White, amorp. powd., disagreeable odor. Sol. water. Uses—mfr. soap compositions, fire extinguishers, tooth powd.; as detergent; emulsifying fats and oils; foam producer in beverages; soap substitute; textile size. Grades—tech. powd. ex quillaia bark or root of Saponaria Officinalis; crude; purified; highest purity.

● Pkg—100 lb. kegs, 25, 50 lb. boxes, 1, 5, 10 lb. cans, 1, 5 lb. bottles.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
J T Baker Chem Co, Phillipsburg, N J
*E Berghausen Chem Co, 4538 W Mitchell Ave, Cincinnati 32, Ohio
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Enco Chem Corp, 441 Lexington Ave, N Y 17
W R Grace & Co, 7 Hanover Sq, N Y 5
*B L Lemke & Co, 199 Main St, Lodi, N J
McKesson & Robbins, 155 E 44 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

SAW DUST

Hard or soft wood, kiln-dried, air-dried, or green, grated to mesh specifications. Uses—drying, burnishing, as inert filler. Grades—depends upon mesh specifications.

*Brown Co, 150 Causeway St, Boston, Mass
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Composition Materials Co, 25 W 43 St, N Y 36

SAXOLINE see Petrolatum

SCHAEFFER'S SALT

$C_{10}H_6(OH)(SO_3Na)$. Sodium salt of 2.6. Beta-naphthol Sulfonic Acid. Uses—mfr. intermediates, organic chemicals.

● Pkg—5, 10, 55 gal. bbls., drums.

*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
*Sherwin-Williams Co, 100 Park Ave, N Y 17

SCHEELE'S GREEN see Copper Arsenite

SCHWEINFURTH GREEN see Copper Acetoarsenite

SCOURING COMPOUNDS, TEXTILE

Compounds to remove foreign material from natural fiber (cotton, wool, silk, etc.) before the process of dyeing and finishing. See also Boil-Off Compounds, Textile.

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4 N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic 2072 Smith St Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oakite Products, 19 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3 N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

SEALERS, MASONRY

*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31 Pa
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Kleen-Kote Co, 80 & Wallace Sts, Chicago, Ill
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Ca
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5 N Y

SECALINE see Trimethylamine

SELENITE see Gypsum

SELENIUM DIETHYL DITHIOCARBAMATE

$Se[(C_2H_5)_2N(S)CS]_4$. M.W. 672. Yellow powd. Uses—vulcanizing agent for continuous care wire insulation heat resistant rubber goods and butyl rubber.

● Pkg—5, 50, 100 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*R T Vanderbilt Co, 230 Park Ave, N Y

SELENIUM DIMETHYL DITHIOCARBAMATE

$Se[SC(S)_2N(CH_3)_2]_4$. M.W. 559.8. Creamy yellow M.R. 165-167°C. Uses—rubber industry.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*R T Vanderbilt Co, 230 Park Ave, N Y

SELENIUM DIOXIDE (Selenous Acid Anhydride, Selenous Anhydride)

SeO_2. M.W. 111. Yellowish-white powd. or cryst. sharp odor. Uses—antioxidant for lubricating oils catalyst; reagent for alkaloids.

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
Lack Chem Co, 19 Park Pl, N Y 7

SELENIUM—HIGH PURITY

*Kawecki Chem Co, 220 E 42 St, N Y 17

SELENIUM, METAL

Se. Steel-gray (also dark-red) solid crystalline. Sp. gr. 4.28. M.P. 217°C (dark-red variety 170-180°C). B.P. 690°C. Sol. conc. sulfuric acid; insol. water, alcohol. Dark-red variety sol. carbon disulfide. Uses—mfr. electrical apparatus, glass, rubber; in photometry; wireless telephony; sound photography; imbedding material in microscopy; biological chemistry; bacteriology; as laboratory reagent. Grades—tech.

● Pkg—Cases.

*J M Baird & Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Chemical Service Corp, 82 Beaver St, N Y 5
City Chem Corp, 132 W 22 St, N Y 11
Faesy & Besthoff, 325 Spring St, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y

SELENIUM SALTS

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kawecki Chem Co, 220 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
L A Salomon & Bro, 216 Pearl St, N Y 38
George Uhe Co, 76 9 Ave, N Y 11
*Variacold Chem Co, 116 Broad St, N Y 4

SELENOUS ANHYDRIDE see Selenium Dioxide

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SEMICARBAZIDE HYDROCHLORIDE (Amidourea Hydrochloride)

$CH_3ON_3.HCl$. M.W. 111.5. Colorless prisms. M.P. 175°C. Sol. water, alcohol; insol. ether. Uses—in organic synthesis and as a reagent for aldehydes and ketones.
● Pkg—Bottles, 25, 125 lb. drums.

Chemtech Products Corp, 801 2 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Henley & Co, 801 2 Ave, N Y 17
*Polychemical Co, 494 Huntspoint Ave, N Y 59

SEQUESTERING AGENTS

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Antara Chem Div, 435 Hudson St, N Y 14
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Emkay Chem Co, 319 2 St, Elizabeth, N J
European Chem Co, 366 Broadway, N Y 13
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kali Mfg Co, 427 E Moyer St, Phila 25, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
Riches-Nelson, 342 Madison Ave, N Y 17
*Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Superior Materials, 120 Liberty St, N Y 6
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14

SERINE, NATURAL (a-Amino-b-Hydroxypropionic Acid; Hydroxyalanine)

$C_3H_7NO_3$. M.W. 105.1. A colorless crystalline powd. from sericin and horn. A constituent of many proteins. M.P. 246°C (decomp.). Insol. alcohol or ether.
● Pkg—Bottles.

*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
Lack Chem Co, 19 Park Pl, N Y 7
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J

SERPENTINE see Asbestos

SESQUICUPRIC CARBONATE see Copper Carbonate, Blue

SEWER PIPE JOINT COMPOUNDS

A bituminous asphalt cement for making permanent, watertight, sewer pipe joints.

*Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
*Barrett Div, 40 Rector St, N Y 6
*Belmont Smelting & Refining Wks, 322 Belmont Ave, Bklyn 7, N Y
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

SHELLAC (Lac, Garnet Lac, Gum Lac, Mecca, Stick Lac)

Resin produced by bite of insect Coccus cacca. Orange shade. Occurs in thin yellowish-brown leaflets. Amorp. Sp. gr. 1.08-1.15. Sap. No. 194-213. Acid No. 48-64. Ester No. 137-163. Sol. alcohol, methanol, amyl alcohol. Uses—mfr. paints, varnishes, polishes, sealing wax, stains, leather dressings, electrical insulating compositions, matches, paper plastics, phonograph records, inks, rubber; finishing leather; stiffening felt hats and crepe; engraving and lithography; as binder for various purposes. Grades—D.C.; fine Orange; second Orange; T.N.; ground, regular; regular bleached; Bone Dry; A.C. Garnet; Diamond 1.
● Pkg—150 lb. bags, 300 lb. bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
American-British Chem Supplies, 180 Madison Ave, N Y 16
*Baer Bros, 438 W 37 St, N Y 18
*Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill
Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
Colony Import & Export Corp, 11 E 44 St, N Y 17

SEMICARBAZIDE HYDROCHLORIDE

THIOSEMICARBAZIDE
SODIUM CYANATE

●

High Grade
SELENIUM DIOXIDE
SELENIUM SALTS

●

FAIRMOUNT CHEMICAL CO., INC.
600 Ferry Street Newark 5, N. J.

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BLEACHED
Bone Dry White
Refined Wax Free
ORANGE & LEMON FLAKE
Flake—Granular—Powder
BUTTONLAC
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11 EAST 44th STREET
NEW YORK 17, N. Y.
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Anionic Detergents
Cationic Detergents

PERMACIDES®
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Bacteriocides
Algaecides

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PRODUCTS CORPORATION LYNDHURST, NEW JERSEY

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SHELLAC

direct from our own private source

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high grades — wax free
BLEACHED
regular — refined

WAXES

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JAPAN • BEES
SHELLAC WAX
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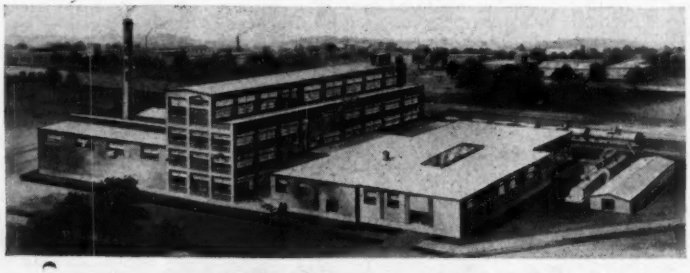
SILICA

Borax
Carbonate of Potash
Caustic Potash
Muriate of Potash
Chalk
Clays
Diatomaceous Earth
Talc
Zircon Sand and Flour

INNIS SPEIDEN & CO., INC.
420 Lexington Ave., New York 17, N. Y.
BOSTON • CHICAGO
CLEVELAND • PHILADELPHIA

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BONE DRY • REFINED • ORANGE FLAKE
SHELLAC VARNISH • SHELLAC REPLACEMENTS
ESPECIALLY PROCESSED SHELLAC FOR SPECIAL PURPOSES



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ACME SHELLAC PRODUCTS CO.

ESTABLISHED 1923

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AGENTS AND STOCKS IN PRINCIPAL CITIES

SHELLAC, continued

Dalton-Cooper, 200 W 34 St, N Y 1
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
William Diehl & Co, 330 W 42 St, N Y 36
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*D Hecht & Co, 510 Battery St, San Francisco, Cal
Howe & French, 99 Broad St, Boston, Mass
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
Mutchler Chem Co, 258-259 Broadway, N Y
F H Paul & Stein Bros, 100 Gold St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Thomas J Shields Co, 11 Water St, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
O J Weeks Co, 44 N Moore St, N Y 13

SHELLAC, BLEACHED

White shellac made by bleaching orange shellac with sodium hypochlorite. For uses and other information see Shellac.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill
Colony Import & Export Corp, 11 E 44 St, N Y 17
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
William Diehl & Co, 330 W 42 St, N Y 36
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Thomas J Shields Co, 11 Water St, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
O J Weeks Co, 44 N Moore St, N Y 13
*William Zinsser & Co, 516 W 59 St, N Y 19

SHELLAC SUBSTITUTES

Preps. used in place of natural shellac.
●Pkg—Custom packed.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
*Avon Trading Co, 401 Broadway, N Y 13
*Baer Bros, 438 W 37 St, N Y 18
*Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
*Howe & French, 99 Broad St, Boston, Mass
O G Innes Corp, 82 Wall St, N Y 5
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*William Zinsser & Co, 516 W 59 St, N Y 19

SHUMAC see Sumac

SIENNA

Brownish-orange-yellow, natural amorp. clay. Contains hydrate ferric oxide and manganic oxide. Burnt form is richer and stronger in color. Sp. gr. raw 3.27; burnt 3.95. Uses—mfr. stains, paints, colors, varnishes, glass, oil-cloth, linoleum; antique effects on metals; for coloring paper. Grades—raw; burnt.
●Pkg—Bags.

Charles B Chrystal Co, 53 Park Pl, N Y 7
Flo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

SILICA (Silicon Dioxide)

SiO_2. M.W. 60.06. Natural crystalline, various colors also amorp.), Sp. gr. cryst. 2.319-2.653; amorp. 2.20. M.P. cryst. 1750°C; amorp. 1600°C. B.P. amorp. volatilizes at 2230°C. Sol. hot alkalies and hydrofluoric acid. Uses—mfr. flint glass, fused silica ware, frosted glass, water glass, colloidal silica, ultramarine, matches, carborundum, sandpaper, silica soaps, metal polishes, non-

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Inflammable preps., ceramics, tile, potteries, artificial stone and brick, cements, mortars, refractory bricks and linings, dental pastes, ferro-silicon, enameled iron ware, abrasives, scouring, asbestos, heat insulating, dynamite, and fertilizer compositions; as filtering, clarifying, decoloring and absorptive agent; purifying sugar, wines, linseed, fish and food oils, fats, petroleum products, paraffin, waxes, resins, syrups, molasses; tanning leather; weighting paper; as metallurgical flux; acid tower filler filler in lead and zinc paints, colors, pigments, wood and rubber. Grades—80-400 mesh; air and water floated; various as to colors, source, and fineness.
●Pkg—25, 50, 100 lb. bags, 1 lb. bottles.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Barclay Chem Co, 75 Varick St, N Y 13
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
*International Minerals & Chem Corp, 20 N Wacker Dr, Chicago 6, Ill
*Johns-Manville, 22 E 40 St, N Y 16
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United Clay Mines Corp, 101 Oakland St, Trenton, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

SILICA AMORPHOUS

Amorp. silicon dioxide. Colorless powd. Dens. 2.30. M.P. 1650°C. Insol. in water or alcohol; sol. in hot alkalies or hydrofluoric acid. Uses—for chemical glassware.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Illinois Minerals Co, 807½ Washington Ave, Cairo, Ill
Innis, Speiden Co, 420 Lexington Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
L A Salomon & Bro, 216 Pearl St, N Y 38

SILICA GEL

Incompletely dehydrated silicic acid (H_2SiO_4). Containing 3-7% H_2O. Uses—absorption agent, catalyst carrier for catalytic materials.
●Pkg—1, 5, 25 lb. cans, 100 lb. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Amend Drug & Chem Co, 117 E 24 St, N Y 10
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Hummel Chem Co, 90 West St, N Y 6
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

SILICIUM see Silicon

SILICON (Silicium)

Si. Gray, amorp. crystalline powd. Sp. gr. 2.00 (amorp.); 2.49 (cryst.). M.P. cryst. 1420°C. B.P. cryst. 2600°C. Sol. hydrofluoric acid and alkalies. Uses—mfr. silicon tetrachloride, silicon-bronze, silicon-copper, ferro-silicon, electro-silicon. Grades—tech.
●Pkg—500 lb. bbls., drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*International Selling Corp, 122 E 42 St, N Y 17
*Varlacoid Chem Co, 116 Broad St, N Y 4

SILICON CARBIDE

SiC. M.W. 40.06. One of the hardest substances known. Uses—abrasive.
●Pkg—Bags, bbls., drums.

*Exolon Co, Tonawanda, N Y
L J & M La Place, Leliarts Lane, E Paterson, N J

SILICON DIOXIDE see Silica

SILICON POWDER

J M Baird Co, 254 W 31 St, N Y 1
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Hummel Chem Co, 90 West St, N Y 6
*Varlacoid Chem Co, 116 Broad St, N Y 4

SILICON TETRACHLORIDE

$SiCl_4$. M.W. 169.89. Clear, colorless, fuming liq. Suffocating odor. Sp. gr. 1.5. M.P. —70°C. B.P. 57.6°C. Decomp. in watr. Uses—smoke screens. Grades—tech.
●Pkg—1 gal. bottles, 10, 55 gal. drums.

*Anderson Labs, Weston, Mich
Barclay Chem Co, 75 Varick St, N Y 13
City Chem Corp, 132 W 22 St, N Y 11
*Dow Corning Corp, Midland, Mich
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

Monsanto
SANTOCEL
for Industrial Applications

GENERAL: Silica Aerogel of low density and high oil absorption. Four grades according to particle size and dry bulk density.

PROPERTIES: Color, white-transparent in vehicles: index of refraction, 2.2; particle size, 3-5 microns depending on grade; dry bulk density, 2-3 lbs. per cu. ft. to 7.5 lbs. per cu. ft., depending on grade.

USES: Flatting agent (matte finishes), anti-caking aid, dry grinding aid, bulk extender, thickening agent, rubber reinforcer, insecticide for stored grain.

MONSANTO CHEMICAL COMPANY
Merrimac Division
Boston 49, Mass.

Santocel: Reg. U. S. Pat. Off.

MONSANTO CHEMICALS – PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

DAVISON

SILICA GEL

Silica Gel is chemically inert reacting only with strong alkalis and hydrofluoric acid. It is an amorphous, extremely porous form of silica having an appearance of clear, crushed quartz. Silica Gel is odorless and insoluble with a high adsorptive capacity for gases and liquids.

	GENERAL USE	SPECIFIC APPLICATION
PROTEK-SORB* 121	Protective Packaging	Mechanical Parts, Instruments, etc.
DRI-PAX*	Protective Packaging	Pharmaceuticals and Foods
PA-100*	Drying of Liquids	Refrigeration Dryers
TEL-TALE*	Humidity Indicating	Protective Packaging
SYLOID* 308	Flatting Agent	Lacquers
SYLOID* 162	Flatting Agent	Alkyd-Urea Varnish
SYLOID* AL-1	Pressure Retardant	Aluminum Paints
HYDROGEL	Rubber Porosity	Battery Separator Plates
GRADE 979 (Micron Sized)	High Purity Requirements	Reproduction Papers
MICRON SIZED	Anti-Caking, Finish Coatings	Insecticides, Pharmaceuticals, Chemicals
3-8 Mesh & 6-12 Mesh	Air and Gas Drying	Wind Tunnels, Air Conditioning
8-14 Mesh & 8-20 Mesh	Gas Adsorption and Drying	Industrial Gas Masks, Freon Drying
28-200 Mesh	Liquid Selective Separations	Petroleum, Drug Separations
100-200 Mesh	Liquid Selective Separations	Steroid Separations, Hydrocarbon Analysis
Thru 325 Mesh	Anti-Caking, Selective Separations	Pharmaceutical, Industrial Chemicals

*T.M. Reg. U. S. Pat. Off.

For information on a particular product or application, write

Progress Through Chemistry
THE DAVISON CHEMICAL CORPORATION
Baltimore 3, Maryland

Producers of: Catalysts, Inorganic Acids, Superphosphates, Phosphate Rock, Silica Gels and Silicofluorides.
Sole Producers of DAVCO* Granulated Fertilizers.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SILICONES

G-E silicones are a new chemical family which combines many of the useful properties of organic and inorganic substances. Temperature resistant between −120 and 600 F, and inert to most chemicals, they offer chemists and engineers a fascinating new group of products for evaluation and application.

Silicone Rubber Gums—for compounding into silicone rubber and pastes.

Silicone Rubber Compounds—for molding and extruding a wide variety of mechanical goods—gaskets, seals, closures, grommets, etc.

Silicone Rubber Pastes—for coating glass or organic fabrics for tapes, sleeving, ducts and tubing; for coating glass-served wire and for encapsulating coils. *See ad under "Rubber, Silicone."*

Silicone Adhesive and Primer—for bonding silicone rubber to itself or to metals, ceramics and glass.

Silicone Fluids—for auto and furniture polishes, mold release, masonry water repellents, electrical insulation, hydraulics, damping.

Silicone Resins—for electrical insulation, water repellents and protective and decorative finishes. *See ad under "Insulation, Electrical."*

Silicone Anti-Foam Agents—for preventing and suppressing foam in chemical processing systems.

Silicone Bouncing Putty—for physiotherapy, novelties, golf ball centers.

Silicone Chemicals—dimethyldichlorosilane, methyltrichlorosilane, phenyltrichlorosilane and sodium methyl siliconate. *See ad under "Water Repellents."*

For more information about any G-E silicone product, write to General Electric Company, Section 355-5H, Waterford, N.Y.

GENERAL ELECTRIC

SILICONES

●Pkg—1, 5, 11 lb. bottles, drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SILVER (Argentum)

Ag. Natural white or light-gray lustrous metal. Sp. gr. 10.50. M.P. 961°C. B.P. 1955°C. Sol. nitric acid, hot concentrated sulfuric acid. Uses—mfr. silver salts, jewelry, money alloys, table silver, solders, decorative articles, watches, laboratory and scientific apparatus, colloidal silver drugs; for silvering mirrors; in dentistry; as chemical catalyst. Grades—powd.; sheet; foil; bars; wire; tubing; rivets; anodes; crucibles.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Baker & Co, 113 Astor St, Newark 5, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

SILVER BROMIDE (Bromyrite)

AgBr. M.W. 187.8. Yellow powd., yellow cryst. Sp. gr. 6.473. M.P. 427°C. Decomp. at 700°C. Insol. water, alcohol, ether; sol. cyanide, bromide, thiosulfate solutions. Uses—in photography as light-sensitive coating.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

SILVER CARBONATE

Ag_2CO_3. M.W. 275.76. Yellow powd. Sol. dilute nitric acid, ammonia or alkali cyanides.
●Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

SILVER

PURE SILVER
STERLING SILVER
COIN SILVER
BRAZING ALLOYS
FLUXES for BRAZING

SHEET
WIRE
ANODES
GRANULATED
POWDERED
ALLOYS

EST. GB 1867

GOLDSMITH BROS.
SMELTING & REFINING CO.
111 N. WABASH AVE., CHICAGO • 74 W. 46th ST., N. Y.
CHICAGO • NEW YORK • DETROIT • OAKLAND

SILVER CHLORIDE (Lunar Cornea)

AgCl. White, amorp. powd. Sp. gr. 5.553. M.P. 455° C. Sol. ammonium hydroxide, conc. sulfuric acid solution, sodium, thiosulfate, and potassium bromide solutions. Uses—mfr. metallic silver; in photography; photometry; silver plating; in medicine. Grades—tech.; C.P.
●Pkg—Bottles.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
J T Baker Chem Co, Phillipsburg, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Phillips & Jacobs, 622 Race St, Phila 6, Pa

SILVER COLLOIDAL (Collargol, Argentum Colloidale)

An allotropic form of metallic silver, with a small percentage of albumina. Black scales giving a fairly stable colloidal suspension with water.
●Pkg—Custom packed.

*Conray Products Co, 510 Ave of the Americas, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

SILVER CYANIDE

AgCN. White powd.; about 80.6% Ag. Sp. gr. 3.95. Sol. ammonium hydroxide, dilute boiling nitric acid, potassium cyanide or sodium thiosulfate solutions; insol. water. Uses—in medicine; silver and alloy gold plating. Grades—tech.
●Pkg—50, 80, 100 oz. bottles.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y

SILVER IODIDE

AgI. Pale yellow, odorless powd. Sp. gr. 5.675. M.P. 526-556°C. Sol. potassium cyanide, sodium hyposulfite, salt, potassium iodide, and hydroiodic acid solutions. Uses—mfr. photographic emulsions; in medicine. Grades—tech.; pure.
●Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Southwestern Analytical Chemicals, 1107 W Gibson St, Austin 4, Tex

SILVER NITRATE (Lunar Caustic, Lapis Caustic)

$AgNO_3$. M.W. 169.89. Colorless, odorless cryst. Sp. gr. 4.352. M.P. 212°C. Decomp. on further heating and in light. Sol. water, hot alcohol, and glycerine. Uses—mfr. mother of pearl, glass, photographic emulsions, silver salts, indelible inks, hair dyes, pharmaceutical derivatives; silvering, plating, silvering mirrors; laboratory reagent; in medicine. Grades—U.S.P.; C.P.; tech.
●Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
Arnida Products Co, 15 Whitehall St, N Y 4
*J M Baird Co, 254 W 31 St, N Y 1
*Baker & Co, 113 Astor St, Newark 5, N J
J T Baker Chem Co, Phillipsburg, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SILVER OXIDE

Ag_2O. M.W. 231.76. Dark-brown, odorless, amorp. powd. Sp. gr. 7.143. Decomp. at 300°C. Sol. ammonium hydroxide, potassium cyanide solution, nitric acid, and sodium thiosulfate; insol, alcohol. Uses—mfr. glass polishing compositions; as chemical catalyst; yellow color in glass; purifying drinking water; synthesis of ammonia from nitrogen; in medicine; contact silvering. Grades—tech.; U.S.P.

● Pkg—Custom packed.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Baker & Co, 113 Astor St, Newark 5, N J
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Phillips & Jacobs, 622 Race St, Phila 6, Pa

SILVER PERCHLORATE

$AgClO_4$. M.W. 207.34. White crystalline material. L. Decomp. 486°C. Sol. water, alcohol. (Large). Uses—dehydrating agent.

● Pkg—Bottles.

*American Platinum Wks, 231 New Jersey RR Ave, Newark 5, N J
City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SILVER PHOSPHATE

Ag_3PO_4. M.W. 418.62. Yellow amorp. powd.; melts at red heat; sensitive to light. Sol. acetic acid, aqueous ammonia, ammonia carbonate; sl. sol. water. Uses—photography; removal of sulfides; to form phosphates; as catalyst; in drugs and pharmaceuticals.

● Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*American Platinum Wks, 231 New Jersey RR Ave, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SILVER SULFIDE

Ag_2S. M.W. 247.82. Grayish-black powd. Sol. nitric acid, potassium cyanide, conc. sulfuric. Uses—laboratory reagent.

● Pkg—Bottles.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

SIZES, HAT

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delaney & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Howe & French, 99 Broad St, Boston, Mass
*J Landau Co, 221 Wooster St, N Y 12
*Madison Glue Corp, 200 W 34 St, N Y 1
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Shawinigan Products Corp, 350 5 Ave, N Y 1

SIZES, NYLON

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SIZES, PAPER

Products which provide a certain degree of water-and-ink resistance to paper and, in addition, aid in supplying a "binding" quality to the fibres. Most commonly used are Rosin-alum sizes; also starch, alumina, sodium silicate, casein, soda ash, soap, cellulose hydrates.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Crosby Chem, P O Box 32, De Ridder, La
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kelco Co, 31 Nassau St, N Y 5
Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

SIZES, PRINTING INK

Products added to inks either before or after formulation to give a gloss or sheen to the printed page. Also aids in preventing smudges.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Baer Bros, 438 W 37 St, N Y 18
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Madison Glue Corp, 200 W 34 St, N Y 1
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SIZES, RAYON

Special preps. for sizing rayon warps and skeins, producing smooth yarn which weaves easily and with good loom efficiency.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Morningstar, Nicol, 630 W 51 St. N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

SIZES, ROSIN

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Crosby Chem, P O Box 32, De Ridder, La
*Emkay Chem Co, 319 2 St, Elizabeth, N J
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Southern Naval Stores Div, Columbia, Miss
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J

SIZES, RUG AND CARPET

Preps. adding stiffness, gloss and sheen to rugs and carpets.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Madison Glue Corp, 200 W 34 St, N Y 1
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St. N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Jacques Wolf & Co, Passaic, N J

SIZES, TEXTILE

Various starch and gum preps. which are used to produce a smooth flexible and elastic warp. In many cases additional ingredients are added to assist in the penetration of the size.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Burtonite Co, P O Box 7, Nutley 10, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kelco Co, 31 Nassau St, N Y 5
*Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St. N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

SIZES, WALL

Usually a clear sealer used on old or new plaster walls to prevent suction, alkali and acid stains, or moisture from injuring or discoloring subsequent coats of flat paint, enamels, lacquers, varnishes, water paints, etc., or any finish coatings.

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*E & F King & Co, 640 Pleasant St, Norwood, Mass
*Madison Glue Corp, 200 W 34 St, N Y 1
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill

SIZES, WARP COTTON

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Clinton Foods, Clinton, Iowa
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
Edward R Dornoff Co, 5711 W Chicago Ave, Chicago 51, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Joy Chem, 133 Webster St, Pawtucket, R I
*Madison Glue Corp, 200 W 34 St, N Y 1
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Wyandotte Chem Corp, Wyandotte, Mich

SIZES, WARP SILK AND RAYON

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Burtonite Co, P O Box 7, Nutley 10, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
I*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

SIZINGS, PAPER AND TEXTILE

*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Dow Chem Co, Midland, Mich
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kelco Co, 31 Nassau St, N Y 5
*Kem Products Co, 227-229 High St, Newark 2, N J
*Madison Glue Corp, 200 W 34 St, N Y 1
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Phenix Foods Co, 500 Pestigo Ct, Chicago, Ill
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Rubber Corp of America, 274 Ten Eyck St, Bklyn 6, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Swift & Co, Adhesive Products Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SKIN PROTECTING COMPOUNDS

Compounds applied to the hands, and at times to the face and other exposed parts of the body, which serve as a protecting surface against the action of chemicals which burn the skin, or produce sores, eruptions, inflammation, etc. Many such products not only provide a protective layer but have neutralizing effects. Known also as dermatitis preventives.

*American Polymer Corp, 103 Foster St, Peabody, Mass
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
R B Huber, 216 Tremont St, Boston, Mass
*Penetone Co, Tenafly, N J
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Utility Chem Co, 145 Peel St, Paterson 4, N J

SLASHER COMPOUNDS

Before cotton yarn is ready for weaving it must be treated with preps., generally combinations of starches and softeners. This process is called "slashing," hence the derivation of the name.

*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa

SLATE BLACK see Mineral Black

SLATE FLOUR

Grayish, solid amorp. Sp. gr. 2.6-3.3. Uses—mfr. Portland cement and roofing compositions, ceramic products, fertilizers, abrasive soaps, electrical insulations, roofing tile and other building material, glass, metal polishes, toilet and tooth powd., phonograph records; as filler for putty, paint, varnish, rubber, linoleum and oilcloth.

Hammill & Gillespie, 225 Broadway, N Y 7
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

SLUSHING COMPOUNDS

Compounded products made from high grade lubricating oils for application to finished steel products that are to be shipped or stored to protect against rust and/or corrosion.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Lanolin Corp, 13 Railroad St, Lawrence, Mass
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20

SMALT (Saxony Blue, King's Blue, Zaffer, Bleu D'Azure, Bleu de Saxe, Azure Blue)

Blue, amorp. powd. consisting of cobalt, potash, and silica. Uses—as paint and varnish pigment; coloring ceramic products, glass and rubber; in bleaching substances; bluing paper, starch and textiles. Grades—tech.

*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

SOAP

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Enos F Jones Chem Co, 14 Florence St, Jersey City 4, N J
Edward Mendell Co, 24 W 45 St, N Y 19
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
Mutchler Chem Co, 258-259 Broadway, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Superior Materials, 120 Liberty St, N Y 6
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

SOAP BARK (Quillaja, China Bark, Murillo Bark, Panama Bark, Quillaia)

Dried bark of Quillaja saponaria. Habitat—Bolivia, Peru, Chile, etc. Uses—mfr. saponin, quillaiac acid, sapotoxin, soft drinks, shampoo prepn.; as foam producer; emulsifier for fats, oils, balsams, resins, and waxes; in medicine. Grades—Quillaja saponaria; whole; cut; crushed; powdered.
●Pkg—Custom packed.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
L J & M La Place, Lellarts Lane, E Paterson, N J
Meer Corp, 318 W 46 St, N Y 36
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38

SOAP BASE

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Ultra Chem Works, 2 Wood St, Paterson, N J

SOAP BASE, LIQUID

Conc. liq. soap, usually of the potash-coconut oil type which can be diluted with water, and sold in concentrations of about 40% to be diluted as low as 12% in practice.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Science Industries, 1509 N Broadway, St Louis, Mo
*Standard Soap Co inf Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

SOAP BUILDERS

Various products added to soap to increase the cleansing qualities, alkali content, water softening properties. When not added in excess they perform definite favorable functions; in excess they are considered "fillers." See Sodium Silicate, Sodium Metasilicate, Soda Ash, Bentonite, Sodium Phosphate, Tri Sodium Borate, Talc, Stannous Chloride, etc.

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa

LAUNDRY & TEXTILE CHLOR CHEMICALS

SOAPS and DETERGENTS
For the Laundry, Textile, Dry Cleaning Industries

■ ■ ■

MANUFACTURERS OF

SOAPS	STARCHES
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BLUES	WETTING AGENTS
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Floor Cleaning Compounds
Dish Washing Compounds

■ ■ ■

CHLORAL CHEMICAL CORP.

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SOAPS for INDUSTRY

FLAKES • LIQUID • POWDERS • TEXTILE • LAUNDRY • RUG CLEANING • LEATHER • METAL DRAWING • BURNISHING

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INDUSTRIAL DEPT., JERSEY CITY 2, N. J.

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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

LIQUID and PASTE SOAPS

- Cocoanut Oil Soaps
- Vegetable Oil Soaps
- Liquid Hand Soaps
- Scrub Soaps

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N. Little Rock	St. Louis	Houston	Tulsa

SOAP, BUILDERS, continued

*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Rumford Chem Wks, 9 Newman Ave, Rumford 16, R I
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wyandotte Chem Corp, Wyandotte, Mich

SOAP DUST see Zinc Stearate

SOAP FLAKES

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Merchants Chem Co, 60 E 42 St, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14

SOAP, GREEN

Yellowish-white to brownish yellow. Uses—as lubricant; detergent; in medicine. Grades—U.S.P. (Saponoilis).

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Haag Labs, 14010 S Seeley Ave, Blue Island, Ill
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Merchants Chem Co, 60 E 42 St, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

SOAP, LIQUID

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Damon Chem Co, Box 774 Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dominion Products, 10-40 44 Dr, L I C 1, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Haag Labs, 14010 S Seeley Ave, Blue Island, Ill
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
*Kleen-Glo Chem Corp, 303 5 Ave, N Y 16
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Spick Products Co, Athens, N Y
*Standard Chem Co, 217 New St, Phila 6, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*W A Wood Co, 40 Oliver St, Boston 10, Mass

SOAP, OIL

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
Dayton, Ohio
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Essential Chem Co, 220 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Kem Products Co, 227-229 High St, Newark 2, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J

SOAP, PASTE

Dry-cleaning soaps in the paste form used with solvents to remove insol. soil in the dry-cleaning washer: should produce perfect whites and bright clear silks and should clarify, distill and dissolve satisfactorily. For suppliers see Soaps, Dry Cleaning.

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Cole Labs, 42-25 9 St, L I C 1, N Y
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Huntington Labs, E Tipton St, Huntington, Ind
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J

SOAP POWDERS

A tentative definition of the A.S.T.M. states: A water-sol. powdered product consisting of soap and one or more builders, in which the soap is a minor constituent.

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Flash Chem Co, 160 2 St, Cambridge, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Huntington Labs, E Tipton St, Huntington, Ind
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Kemiko Mfg Co, 500 Chancellor Ave, Irvington 11, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Oakite Products, 19 Rector St, N Y 6
*Penetone Co, Tenafly, N J
*S B Penick & Co, 50 Church St, N Y 7
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*George B Robbins Disinfectant Co, 42 Carleton St, *G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Cambridge 42, Mass
Scher Bros, 519 Getty Ave, Clifton, N J
*Shields Buying Service, 15 Moore St, N Y 4
*Spick Products Co, Athens, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
°Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

SOAPS, ANIMAL

Soaps medicated with different insecticidal ingredients, including pyrethrum and derris extracts, for pets and other animals.

*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J

SOAPS, ANTISEPTIC

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
°Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Haag Labs, 14010 S Seeley Ave, Blue Island, Ill
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
*George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill

SOAPS, BENZINE

Specially prepared dry-cleaning detergents, a mixture of solvent and soap, used on silks, wools, rayon, and celanese.

*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J

SOAPS, BURNISHING

Usually a so-called neutral, low titre soap used as an emulsifying and lubricating agent in the mechanical burnishing or polishing of metals either before or after plating.

*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Foy Electro-Chem Co, 206 Main St, P O Box #164, Ansonia, Conn
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Oakite Products, 19 Rector St, N Y 6
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*Utility Chem Co, 145 Peel St, Paterson, N J

SOAPS, DRAWING

Soaps for drawing vary in their chemical properties depending on the particular type of drawing they are intended for. Dry drawing of wire is usually done with high titre, so-called neutral tallow soaps. Wet drawing of copper wire is done with emulsions containing soap of low titre, usually made of olive or oleic acid. High titre tallow soaps, so-called neutral ones, are used as emulsifying and lubricating agents in the prep. of drawing compounds for sheet metal.

*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
°Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Murphy-Phoenix Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Swift & Co, Union Stock Yards, Chicago 9, Ill
*W A Wood Co, 40 Oliver St, Boston 10, Mass

SOAPS, DRY-CLEANING

A wide variety of special soaps usually in the form of pastes, alkaline detergents, or filter sol. products in which organic solvents are usually incorporated.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Atlas Powder Co, Wilmington 99, Del
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dixo Co, 225 River Rd, Garfield, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Huntington Labs, E Tipton St, Huntington, Ind
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Merson Products Co, 63 Essex St, Jersey City, N J
*Midland Color & Chem Co, 15 Greene St, Jersey City, N J
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SOAPS, FISH OIL

Soaps made from fish oils and in soft form commonly used in conjunction with insecticides as a carrier and spreader, also in road building. Hard fish oil soap is used in textiles, tanneries, and other special industrial applications.

°American Monomer Corp, 511 Lancaster St, Leominster, Mass
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

SOAPS, INSECTICIDE

Employed as a carrier or spreader, by lowering the surface tension so that an insecticide more readily covers, spreads and adheres. Potash fish oil soap or other soft soaps are most often used. See Soaps, Fish Oil, for names of suppliers.

*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
°Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill

SOAPS, LAUNDRY

Employed both to designate soaps prepared for the home for laundrying and industrial detergent purposes. This classification is here reserved for those soaps which are specially compounded for use in commercial laundries and sold in bulk.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
°Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
°Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
°Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Damon Chem Co, Box 774, Alliance, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
Scher Bros, 519 Getty Ave, Clifton, N J
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

SOAPS, LEATHER

Specialized neutral soft soaps usually made from high-grade vegetable oils, which provide extraordinary emulsion powers, clean leather thoroughly and leave the leather soft, pliable, and finely finished.

°Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Fiebing Chem Co, 516 S 2 St, Milwaukee 4, Wis
*Huntington Labs, E Tipton St, Huntington, Ind
Merchants Chem Co, 60 E 42 St, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Chem Co, 217 New St, Phila 6, Pa
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill

SOAPS, MECHANICS'

Marketed in paste, cake or powd. form, the first being the most common, an abrasive, usually pumice, sand or silica is incorporated to aid in the removal of grime and grease. See U.S. Government Specifications PD-221.

*Amplon Corp, 4-88 47 Ave, L I C 1, N Y
°Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
°Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Damon Chem Co, Box 774, Alliance, Ohio
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Flash Chem Co, 160 2 St, Cambridge, Mass
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Genesee Research Corp, 961 Lyell Ave, Rochester 6, N Y
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
*Port Huron Detergent Co, 1320 2 St, Port Huron, Mich
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Stewart Chem Products, Longmont, Col
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

SOAPS, METALLIC

Combinations of various metals, except sodium and potassium, with stearic, palmitic, oleic, and other fatty acids. Metallic soaps are insol. They are used for waterproofing fabrics, in the flatting of paints and varnishes, in bodying up liq. containing pigments and other suspended matter, in the mfr. of lubricants, in metal working, in leather, plastics, etc. See Aluminum Stearate, Aluminum Palmitate, Calcium Stearate, Magnesium Stearate, Zinc Stearate, etc.

*Alox Corp, 3943 Buffalo Ave, Niagara Falls, N Y
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesy St, N Y 7
*Enthone Inc, 442 Elm St, New Haven, Conn
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston, Mass

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

METALLIC SOAPS

Stearates and Palmitates

Aluminum • Lead • Calcium • Zinc • Magnesium

For use in Paint, Varnish and Lacquer • Oil and Grease

Waterproofing • Rubber • Powdered Metallurgy

Cement • Plastics • Wire Drawing • Ceramics • Cosmetics

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See Our Catalog Ad

SOAPS, METALLIC, continued

*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 17

SOAPS, SILK

High-grade soaps, usually made from olive, palm oils, or oleic acid, free from color and rancidity, also free of resin or other soap builders used as degummers and during and after dyeing. For suppliers see Soaps, Textile.

*Apex Chem Co, 225 W 34 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Union Stock Yards, Chicago 9, Ill

SOAPS, TEXTILE

Various types of soaps used in the textile industry for removing the natural oils, greases, etc., as well as foreign dirt and grime which accumulates on fibers of animal and vegetable origin. Textile soaps must not injure the fibres nor deposit impurities on the goods which would cause trouble with dyeing and finishing operations. See also Detergents, Textile.

*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
*Huntington Labs, E Tipton St, Huntington, Ind
*N Jonas & Co, Mfg Chemist, 6742 N Bouvier St, Phila 26, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Edward Mendell Co, 24 W 45 St, N Y 19
Merchants Chem Co, 60 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass

SOAPS, WIRE DRAWING

Grease soaps to which talc is added providing the necessary lubrication for wire-drawing.

*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*James Counts Soap Co, 3216-18 Delmar Blvd, St Louis 3, Mo
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*G Whitfield Richards, 1732-36 Carlton St, Phila 3, Pa
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16
*W A Wood Co, 40 Oliver St, Boston 10, Mass

SOAPS, WOOL

Soaps of different types and characteristics are generally employed in three major operations: 1. Cleaning raw stock; 2. Cleaning the yarns; 3. Milling or fulling the cloth. For suppliers see Soaps, Textile.

*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Mitchell Fels, 272-274 E Ashmead St, Phil 44, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Swift & Co, Soap Dept, Union Stock Yards, Chicago 9, Ill
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
Utility Chem Co, 145 Peel St, Paterson, 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass

SOAPSTONE see Talc

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ALKALI

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SODA ASH • CHLORINE
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DIAMOND ALKALI CHEMICALS

DIAMOND ALKALI COMPANY

CLEVELAND 14, OHIO

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SODA ASH (Anhydrous Sodium Carbonate)

Na_2CO_3. Grayish-white powd. Constants vary according to grade and purity. Sol. water. Uses—mfr. sodium salts, pharmaceutical products, soap, rubber, boiler compounds, printing inks, dry colors, perfume preps. synth. perfumes, glass, ceramics, fire, waterproofing, and household compositions, paper, paints, enamelware; for re-laundering; bottle and dish washing; refining tallow oil; scouring wool; softening water and leather; dyeing textiles; in cleaning compounds; in metallurgical industries. Grades—light and dense, 58% Na_2O sold on basis of 58% Na_2O.

● Pkg—100 lb. bags, bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Browning Chem Corp, 150 Broadway, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
Cornwell Chem Corp, 24 E 38 St, N Y
Croton Chem Corp, 114 Liberty St, N Y 6
De Bear Inc, 636 11 Ave, N Y 36
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich



SODA ASH

LIGHT AND DENSE

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WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
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- Copper Sulphate
- Glycols (all kinds)
- Lithopone
- Paradichlorobenzene
- Potassium Carbonate
- Sodium Benzoate
- Sodium Bromide
- Sodium Hydrosulphite
- Sodium Nitrite
- Sodium Phosphates
- Sodium Sulphide
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Also a Complete Line of Industrial and Fine Chemicals, Solvents, Gums, Waxes and Oils

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CAUSTIC SODA

Acetone
Ammonium Chloride
Calcium Chloride
Calcium Hypochlorite
Carbon Tetrachloride
Caustic Potash
Copper Sulphate
Formic Acid
Oxalic Acid
Phenol
Phthalic Anhydride
Potassium Bichromate
Soaps
Sodium Bicarbonate
Sodium Bichromate
Sodium Bisulphite
Sodium Hydrosulphite
Sodium Sulphate
Sodium Tripolyphosphate
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Tetrasodium Pyrophosphate
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COLUMBIA-SOUTHERN ESSENTIAL INDUSTRIAL CHEMICALS



SODA ASH

Soda Ash • Caustic Soda • Sodium Bicarbonate • Liquid Chlorine
Calcium Chloride • Silene EF • Hi-Sil • Calcene TM • Calcene NC
Soda Briquettes • Modified Sodas • Caustic Potash • Pittchlor
Caustic Ash • Phosflake • Pacific Crystals • Perchlorethylene
Chlorinated Benzenes • Muriatic Acid • Benzene Hexachloride

COLUMBIA-SOUTHERN CHEMICAL CORPORATION
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420 FORT DUQUESNE BOULEVARD, PITTSBURGH 22, PA
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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SOLVAY

SODA ASH

Light—Dense

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ALLIED CHEMICAL & DYE CORPORATION
61 Broadway, New York 6, N. Y.

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Soda Ash • Caustic Soda • Calcium Chloride
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Bicarbonate • Ammonium Bicarbonate
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Caustic Potash • Sodium Nitrite
Snowflake® Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

CAUSTIC SODA

John A. Chew
incorporated

Industrial & Fine Chemicals
60 East 42nd Street
NEW YORK 17, N. Y.
MU 2-0993

SODA ASH, continued

Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
Esor Chem Co, 205 E 42 St, N Y
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kiem Chem, 14401 Lanson, Dearborn, Mich
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 8
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Virgina-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*White Cross Labs, 79 Wall St, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

SODA ASH

AND OTHER ALKALIS

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REPUBLIC CHEMICAL CORPORATION
RC
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Liquid, Flake or Solid

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NIAGARA ALKALI COMPANY
60 East 42nd Street, New York 17, New York

NIALK® Liquid Chlorine • NIALK Caustic Potash • NIALK Carbonate of Potash
NIALK Caustic Soda • NIALK Paradichlorobenzene • NIALK TRICHLORethylene
NIAGATHAL® (Tetrachloro Phthalic Anhydride)

WH&C

CAUSTIC SODA

Liquid, Solid, Flake
SODA ASH,
Light, Dense

CARBONATE POTASH,
Hydrated, Calcined

- SILICATE SODA
  All grades, liquid, solid
- META SILICATE
  And various mixtures
- MODIFIED SODAS
- QUADRAFOS
- TETRA SODIUM PYROPHOSPHATE
- TRI-POLY PHOSPHATE
- SODIUM PHOSPHATE
  Tri, Di and Mono

Dry compounds mixed to your private formula

Welch, Holme & Clark
COMPANY INC.
439 WEST STREET NEW YORK 14, N.Y.
Warehouses in New York and Newark, N. J.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SODA, CAUSTIC (Sodium Hydroxide, Lye, Ley, Sodium Hydrate, White Caustic)

NaOH. White, deliq. amorp. solid flake or ground, liq. solution. Sp. gr. 2.13. M.P. 318°C. B.P. white heat. Sol. water, alcohol, ether, glycerin. Uses—mfr. sodium salts, oxalic acid, soap, chemical pulp, aniline dyes, indigo, intermediates, organic chemicals, phenol, resorcinol, naphthol, picrates, paints, rayon, paper, pigments, varnishes, synth. perfumes, boiler compounds, glass, ceramics, synth. drugs; mercerizing cotton; purifying oils and fats; refining petroleum; reclaiming rubber; softening water; bleaching, dyeing and printing textiles; laboratory reagent; in metal industries; engraving and lithography; in medicine. Grades—U.S.P. sticks; solution; C.P. sticks; tech. solid, ground, flaked, granulated (60% and 76% Na_2O); sold on basis of 76% Na_2O solution. ●Pkg—25, 50, 100, 150, 200, 350, 400 lb. bbls., drums.

L Abbot Co, 135 King St, San Francisco 7, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
•J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
•Benlo Chem, 1907-25 S 89 St, Milwaukee 14, Wis
•Bergstrom Trading Co, 233 Broadway, N Y 7
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
•Brown, 465 Congress, Portland, Me
•Brown Co, 150 Causeway St, Boston 14, Mass
Browning Chem Corp, 150 Broadway, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Castle Color & Chem Co, 24 W 45 St, N Y 19
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Clifford Chem Div, 170 Broadway, N Y 38
C B Coburn Co, 63 Market St, Lowell, Mass
Cole Labs, 42-25 9 St, L I C 1, N Y
•Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
Cornwell Chem Corp, 24 E 38 St, N Y
Croton Chem Corp, 114 Liberty St, N Y 6
De Bear Inc, 636 11 Ave, N Y 36
•Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio

CAUSTIC SODA

(Flake, Solid, Ground Flake, Solution)
Sodium Orthosilicate Cleaning Compound

DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.

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CAUSTIC SODA
50% 73% SOLID FLAKE
HOOKER ELECTROCHEMICAL COMPANY
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COLUMBIA-SOUTHERN ESSENTIAL INDUSTRIAL CHEMICALS
CAUSTIC SODA
Soda Ash • Caustic Soda • Sodium Bicarbonate • Liquid Chlorine
Calcium Chloride • Silene EF • Hi-Sil • Calcene TM • Calcene NC
Soda Briquettes • Modified Sodas • Caustic Potash • Pittchlor
Caustic Ash • Phosflake • Pacific Crystals • Perchlorethylene
Chlorinated Benzenes • Muriatic Acid • Benzene Hexachloride
COLUMBIA-SOUTHERN CHEMICAL CORPORATION
SUBSIDIARY OF PITTSBURGH PLATE GLASS COMPANY
420 FORT DUQUESNE BOULEVARD, PITTSBURGH 22, PA
DISTRICT OFFICES: BOSTON • CHARLOTTE • CHICAGO • CINCINNATI
CLEVELAND • DALLAS • HOUSTON • MINNEAPOLIS • NEW ORLEANS
NEW YORK • PHILADELPHIA • PITTSBURGH • ST. LOUIS • SAN FRANCISCO

•Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Stauffer
SINCE 1885
caustic soda

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Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Duff Chem Co, 342 Madison Ave, N Y 17
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Esor Chem Co, 205 E 42 St, N Y
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Frontier Chem Co, 321 W Douglas, Wichita, Kan
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Hummel Chem Co, 90 West St, N Y 6
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Niagara Alkali Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

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* For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

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DDT • BHC Other Organic and Inorganic Chemicals

Philipp Bros Chem, 37 Wall St, N Y 5
Phillip & Jacobs, 622 Race St, Phila 6, Pa
Prentiss Drug & Chem Co, 110 William St, N Y 38
Prior Chem Corp, 420 Lexington Ave, N Y 17
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
*U S Industrial Chem Co Div, National Distillers Corp, 120 Broadway, N Y 5
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
*White Cross Labs, 79 Wall St, N Y
*Wyandotte Chem Corp, Wyandotte, Mich

SODA NITRE SALITER see Sodium Nitrate

SODAS, LAUNDRY

Specially prepared combination of alkalies often designated as sesquicarbonate of soda, for use in laundries and for industrial fabrics. Has an alkaline strength less than soda ash and a causticity value greater than sodium bicarbonate and soda ash.

Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Damon Chem Co, Box 774, Alliance, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wyandotte Chem Corp, Wyandotte, Mich

SODAS, MODIFIED

Combinations of mild and strong alkalies sometimes called neutral sodas, prepared in varying strengths to meet particular requirements and possessing good cleansing properties. See Sodas, Laundry; Sodas, Tanners'; Sodas, Textile.

Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Solvay Process Div, 61 Broadway, N Y 6
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wyandotte Chem Corp, Wyandotte, Mich

SODAS, TANNERS'

Mixtures of alkalies prepared specially for tanning operations where a less alkaline product than Tanners' Alkali is desirable.

*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Solvay Process Div, 61 Broadway, N Y 6
*Wyandotte Chem Corp, Wyandotte, Mich

SODAS, TEXTILE

Mixtures of alkalies prepared specially for textile operations where a sl. milder agent than soda ash is wanted. See also Detergents, Textile.

C B Coburn Co, 63 Market St, Lowell, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
*Solvay Process Div, 61 Broadway, N Y 6
Welch, Holme & Clark Co, 439 West St, N Y 14
*Wyandotte Chem Corp, Wyandotte, Mich

SODIUM ACETATE

$NaC_2H_3O_2.3H_2O$. Colorless, efflorescent transparent cryst. Sp. gr. 1.4. M.P. 58°C. Sol. water, ether, sl. sol. alcohol. Uses—mfr. acetic anhydride, cinnamic acid, intermediates, organic chemicals, para-red, synth. dyestuffs, pharmaceuticals, soaps, Schweinfurt green, dry colors, copper acetate pigment; dehydrating agent; mordant and resist in dyeing and printing textiles; photographic and laboratory reagent; purifying glucose; extracting alkaloids from opium; preserving meats; electroplating reagent; in medicine. Grades—U.S.P.; C.P.; tech.; fused; recrystallized.
●Pkg—25, 50, 100, 300, 320 lb. bbls., drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cornwell Chem Corp, 24 E 38 St, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

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Solid—Ground—Flake—Powdered
Liquid 50%, 70-74%
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SODA ASH**

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Calcium Chloride
Calcium Hypochlorite
Carbon Tetrachloride
Caustic Potash
Copper Sulphate
Formic Acid
Oxalic Acid
Phenol
Phthalic Anhydride
Potassium Bichromate
Soaps
Sodium Bicarbonate
Sodium Bichromate
Sodium Bisulphite
Sodium Hydrosulphite
Sodium Sulphate
Sodium Tripolyphosphate
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New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
*Ritter Chem Co, Amsterdam, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J U Starkweather Co, 241 Allens Ave, Providence, R I
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM ACID, PYROPHOSPHATE (Disodium Dihydrogen Pyrophosphate, Acid, Sodium Pyrophosphate)

$Na_2H_2P_2O_7$. White powd. Sol. water. Uses—as ingredient of flour, leavening agent, in electroplating, particularly of tin. Grades—good; C.P. commercial.
● Pkg—100 lb. bags, 100, 350, 600 lb. drums, 400 lb. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*Blockson Chem Co, Joliet, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Mfg Co, 444 Madison Ave, N Y 22
Enco Chem Corp, 441 Lexington Ave, N Y 17
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
McKesson & Robbins, 155 E 44 St, N Y
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM ALCOHOLATES

See Ad on this page and Individual listings

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SODIUM ALGINATE—see also Algin

A hydrophyllic vegetable colloid extracted from sea kelp. Has neutral reaction; sol. in water. Uses—stabilizer in the mfr. of ice cream, pharmaceuticals, paper size, textile print paste thickener, etc.
● Pkg—50, 100, 200, 700 lb. drums.

*Algin Corp of America, 24 State St, N Y 4
*Burtonite Co, P O Box 7, Nutley 10, N J
Croda, Inc, 51 Madison Ave, N Y
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
T M Duché & Sons, 117 Hudson St, N Y 13
*Keico Co, 31 Nassau St, N Y 5
Kem Products Co, 227-229 High St, Newark 2, N J
*Jacques Wolf & Co, Passaic, N J

SODIUM ALKYL ARYLSULFONATE

● Pkg—1, 5 gal. cans, 450 lb. drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Chemical Mfg Co, 444 Madison Ave, N Y 22
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Joseph Turner & Co, Ridgefield, N J
*Universal Detergents, 1825 E Spring St, Long Beach, Cal
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

SODIUM ALKYL SULFATES

● Pkg—Cans, drums.

*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SODIUM ALUMINATE

$Na_2Al_2O_4$. M.W. 81.97. White, amorp. powd. M.P. 1650°C. Sol. water. Uses—mfr. milky glass, soap; in water treatment; sizing paper; hardening building stones; mordants in dyeing and printing textiles; as cleaning compound. Grades—27 degree Baume solution.
● Pkg—100 lb. bags.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
C B Coburn Co, 63 Market St, Lowell, Mass
Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

SODIUM ALUMINUM FLUORIDE see Cryolite, Synthetic

SODIUM ALUMINUM SILICOFLUORIDE

*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
Henry Sundheimer Co, 103 Park Ave, N Y 17

SODIUM ALUMINUM SULFATE—see also Alum Sodium

$Al_2(SO_4)_3.Na_2SO_4.24H_2O$. Colorless cryst., saline astringent taste. Sp. gr. 1.675. M.P. 61°C. Uses—textiles, ceramics, dry colors, tanning, paper size precipitant, matches, inks, engraving, sugar refining, water purification, medicine.
● Pkg—100 lb. bags, 335 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SODIUM AMIDE

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
*Farchan Research Labs, 609 E 127 St, Cleveland 8, Ohio
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SODIUM p-AMINOBENZOATE

$NH_2C_6H_4COONa$. M.W. 147.11. White or sl. yellowish, odorless powd. Sol. in water; sl. sol. alcohol. Uses—in medicine for the treatment of rickettsial diseases.

● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*National Aniline Div, 40 Rector St, N Y 6
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Purocaine Inc, Valley Rd, Hockessin, Del
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SODIUM p-AMINOSALICYLATE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bergstrom Trading Co, 233 Broadway, N Y 7
Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, American Cyanamid Co, Bound Brook, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sumner Chem Co, 6 E 45 St, N Y 17

SODIUM AMMONIUM HYDROGEN PHOSPHATE see Sodium Ammonium Phosphate

SODIUM AMMONIUM PHOSPHATE (Microsmic Salt, Phosphorus Salt, Sodium Ammonium Hydrogen Phosphate)

$NaNH_4HPO_4.4H_2O$. M.W. 209.13. Colorless cryst. Sp. gr. 1.574. Decomp. on heating. Sol. water. Uses—reagent in blowpipe analysis; standardizing uranium solutions; determination of magnesium and manganese. Grades—tech.: C.P.; granular.

● Pkg—150 lb. kegs, 300 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
Duff Chem Co, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mathieson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo

SODIUM ANTIMONATE (Sodium m-Antimonate)

$NaSbO_3.\frac{1}{4}H_2O$. White infusible powd. Loses water at 230°C. Insol. in water, dilute alkalies and mineral acids. Sol. in tartaric acid. Uses—an opacifier for vitreous enamels for sanitary ware or sheet steel. Grades—tech.

● Pkg—100 lb. bags.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Metal & Thermit Corp, 100 E 42 St, N Y 17

SODIUM ARSENATE

$Na_3AsO_4.12H_2O$. M.W. 424.11. Colorless cryst. Sp. gr. 1.754. M.P. 86.3°C. Sol. water; sl. sol. alcohol. Uses—mfr. lead arsenate, insecticidal and germicidal compositions, dry colors, printing inks; mordant and assistant in dyeing and printing textiles; in medicine. Grades—pure cryst.; pure dry; tech.; C.P.; U.S.P.

● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chipman Chem Co, Bound Brook, N J
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Nopel Corp, 2 Broadway, N Y 4
Republic Chem Corp, 94 Beekman St, N Y 38
George F Smith, 60 E 42 St, N Y 17

SODIUM ARSENITE (Sodium m-Arsenite)

$NaAsO_2$. Grayish-white, amorp. powd. Sp. gr. 1.87. Sol. water, alcohol. Uses—mfr. insecticides, soaps; preserving hides; dyeing textiles; general antiseptic. Grades—C.P.; pure; crude; poisonous.

● Pkg—5, 50 gal drums.

J M Baird Co, 254 W 31 St, N Y 1
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
John A Chew, 60 E 42 St, N Y 17
*Chipman Chem Co, Bound Brook, N J
Faesy & Besthoff, 325 Spring St, N Y 13
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Industrial Sales Corp, 500 5 Ave, N Y 36
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal

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*Merck & Co, Rahway, N J
Nopel Corp, 2 Broadway, N Y 4
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
George F Smith, 60 E 42 St, N Y 17
Ben P Steele Co, 342 Madison Ave, N Y 17

SODIUM m-ARSENITE see Sodium Arsenite

SODIUM AURODICHLORIDE see Gold Sodium Chloride

SODIUM AZIDE

NaN_3. M.W. 65. Crystalline. Sol. water. Uses—mfr. of lead azide, medicinals.
●Pkg—Bottles.

J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

SODIUM BARBITAL (Mono Sodium Diethylbarbiturate)

$(C_2H_5)_2C:(CONNa.CONH):CO$. M.W. 206.14. White, odorless, bitter crystalline powd. Uses—medicinal.
●Pkg—1, 5 lb. tins, 25, 100 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
Phillip Bauer Co, 608 5 Ave, N Y 20
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Starone Corp, 250 W 57 St, N Y 19

SODIUM BENZENESULFONECHLORAMIDE see Chloramine B

SODIUM BENZOATE

$NaC_7H_5O_2$. White, amorp., odorless granules or crystalline powd. Sol. water, alcohol. Uses—mfr. aniline dyes, tooth powd.; food preservative; printing textiles; curing tobacco; in medicine. Grades—U.S.P.; crude; pure.
●Pkg—5, 25, 50, 100, 125, 175 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill
Clifford Chem Div, 170 Broadway, N Y 38
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faliek Products Co, 163 Broadway, N Y 6
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Howe & French, 99 Broad St, Boston, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Lack Chem Co, 19 Park Pl, N Y 7
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions & Gifford Co, 255 Allens Ave, Providence, R I

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
Sterone Corp, 250 W 57 St, N Y 19
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

SODIUM BENZYL SUCCINATE

● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J

SODIUM BICARBONATE (Baking Soda, Hydrosodic Carbonate, Vichy Salts, Sodium Acid Carbonate)

$NaHCO_3$. Solid, white crystalline. Sp. gr. 2.19-2.22. Loses carbon dioxide at 270°C. Sol. water. Uses—mfr. baking powd., carbonated beverages, effervescent salts, sweetmeats, potteries, porcelains; gold and platinum plating; prevention of timber mold; preserving butter; in medicine. Grades—U.S.P.; C.P.; tech. (99%).

● Pkg—100 lb. bags, 112, 400 lb. bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
*Church & Dwight Co, 70 Pine St, N Y 5
*Columbia-Southern Chem Corp, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13

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CMC
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Urea
Trichlorethylene
Ammonium Chloride
Tropical Bleaching Powder (stabilized)
Chloroform
Sodium Perborate

M
Ammonium Carbonate
Ammonium Bicarbonate
Sodium Sulfide
Sodium Hydrosulfite
Chlorinated Paraffin

C
Cyanides
Copper
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SODIUM BICARBONATE, continued

Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa

*General Chem Div, 40 Rector St, N Y 6

C P Hall Co, 2510 First National Tower, Akron 8, Ohio

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

B J Howard Co, Whitaker Bldg, Baltimore 2, Md

Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7

International Commodities Corp, 11 Mercer St, N Y 13

E & F King & Co, 640 Pleasant St, Norwood, Mass

Kingston Chem Co, 15 William St, N Y 5

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

L J & M La Place, Leliarts Lane, E Paterson, N J

Legion Chem, 70 Wall St, N Y 5

William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

McKesson & Robbins, 155 E 44 St, N Y

Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

Merchants Chem Co, 60 E 42 St, N Y 17

*Merck & Co, Rahway, N J

Mutchler Chem Co, 258-259 Broadway, N Y

National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa

Charles Page & Co, 50 E 42 St, N Y 17

Philipp Bros Chem, 37 Wall St, N Y 5

Phillips & Jacobs, 622 Race St, Phila 6, Pa

Republic Chem Corp, 94 Beekman St, N Y 38

Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y

Rosenthal Bercow Co, 25 E 26 St, N Y

Scher Bros, 519 Getty Ave, Clifton, N J

Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

Seaboard Industries, 195 Keen St, Paterson, N J

Sessions & Gifford Co, 255 Allens Ave, Providence, R I

Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y

Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass

*Solvay Process Div, 61 Broadway, N Y 6

J U Starkweather Co, 241 Allens Ave, Providence, R I

Sterone Corp, 250 W 57 St, N Y 19

Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

Joseph Turner & Co, Ridgefield, N J

Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va

Welch, Holme & Clark Co, 439 West St, N Y 14

Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

*Wyandotte Chem Corp, Wyandotte, Mich

SODIUM BICHROMATE (Sodium Dichromate, Sodium Acid Chromate)

$Na_2Cr_2O_7 2H_2O$. Red deliq. cryst. Sp. gr. 2.52. Loses water at 100°C. M.P. 320°C. Decomp. on further heating. Sol. water. Uses—mfr. chrome alums, chrome pigments for paints, pyrotechnics, synth. perfumes and dyes, intermediates, electric batteries, organic chemicals, pharmaceuticals, fire-works, matches, chrome glues; chrome tanning leather; engraving copper plates; refining precious metals; electroplating; brass industry; mordant in dyeing and printing textiles; oxidizing agent in dyeing; laboratory reagent; bleaching sponges, general antiseptic; bleaching waxes, resins, fats, and oils; waterproofing and general oxidizing agent; refining petroleum products; in medicine; chemical film on lead and silver. Grades—tech.; C.P.: cryst.

●Pkg—100 lb. bags, 100, 400, 600 lb. drums, 450 lb. bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4

American-British Chem Supplies, 180 Madison Ave, N Y 16

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20

American Firstoline Corp, 420 Lexington Ave, N Y 17

American Quinine Co, 15 William St, N Y 5

Axton-Cross Corp, 817 Waverly St, Framingham, Mass

J M Baird Co, 254 W 31 St, N Y 1

J T Baker Chem Co, Phillipsburg, N J

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal

Browning Chem Corp, 150 Broadway, N Y

Caldwell Chem Co, 441 Lexington Ave, N Y 17

Castle Color & Chem Co, 24 W 45 St, N Y 19

Chematar Inc, 40 Exchange Pl, N Y 5

Chemical Service Corp, 82 Beaver St, N Y 5

John A Chew, 60 E 42 St, N Y 17

C B Coburn Co, 63 Market St, Lowell, Mass

De Bear Inc, 636 11 Ave, N Y 36

*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio

Doe & Ingalls, 56 Garden St, Everett 49, Mass

E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del

Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich

Fallek Products Co, 163 Broadway, N Y 6

Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa

Filo Color & Chem Corp, 202 E 44 St, N Y 17

*General Chem Div, 40 Rector St, N Y 6

Golwynne Chem Corp, 420 Lexington Ave, N Y 17

Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

Philip A Hunt Co, Palisades Park, N J

E & F King & Co, 640 Pleasant St, Norwood, Mass

Kingston Chem Co, 15 William St, N Y 5

Kolon Trading Co, 15 Park Row, N Y

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill

L J & M La Place, Lellarts Lane, E Paterson, N J

Legion Chem, 70 Wall St, N Y 5

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

McKesson & Robbins, 155 E 44 St, N Y

Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal

Mercer Chem Corp, 11 Mercer St, N Y 13

Merchants Chem Co, 60 E 42 St, N Y 17

*Merck & Co, Rahway, N J

Mutchler Chem Co, 258-259 Broadway, N Y

*Mutual Chem Co of America, 270 Madison Ave, N Y 16

National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

*Natural Products Refining Co, 902 Garfield Ave, Jersey City 5, N J

Opalco Labs, 20 E Pittsburgh Blvd, McKeesport, Pa

Charles Page & Co, 50 E 42 St, N Y 17

Philipp Bros Chem, 37 Wall St, N Y 5

Republic Chem Corp, 94 Beekman St, N Y 38

Riches-Nelson, 342 Madison Ave, N Y 17

Rosenthal Bercow Co, 25 E 26 St, N Y

Scher Bros, 519 Getty Ave, Clifton, N J

Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

Seaboard Industries, 195 Keen St, Paterson, N J

Sessions & Gifford Co, 255 Allens Ave, Providence, R I

Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y

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SODIUM BICHROMATE, continued

J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
United Sterling Chem Corp, 350 5 Ave, N Y 1
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM BIFLUORIDE (Sodium Acid Fluoride)

NaF.HF. White, crystalline powd. Decomp. on heating. Sol. water. Uses—food preservative; preservative for anatomical, etc., specimens; etching glass; in medicine. Grades—tech.
●Pkg—125, 375 lb. drums.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM BINOXIDE see Sodium Peroxide

SODIUM BIPHOSPHATE see Sodium Phosphate, Mono-Sodium

SODIUM BISMUTH TARTRATE

J M Baird Co, 254 W 31 St, N Y 1
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y

SODIUM BISMUTHATE

$NaBiO_3$. M.W. 280.00. Yellowish to brown. Amorp. Somewhat hygroscopic. Uses—in analysis of iron, steel and ores.
●Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

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DIAMOND ALKALI CHEMICALS ®

*Merck & Co, Rahway, N J
ᶜPolychemical Co, 494 Hunts Point Ave, N Y 59

SODIUM BISULFATE (Nitre Cake, Sodium Acid Sulfate)

$NaHSO_4$. M.W. 120.06. Crystalline powd.—crude nitre cake in lumps. Sp. gr. 2.742. M.P. 315°C. Sol. water. Decomp. in alcohol. Uses—mfr. sodium sulfate, salt cake, soda alum, paper, soap, perfumes, brick, mineral waters, carbon dioxide gas, glue; flux for decomposing minerals; substitute for sulfuric acid; pickling, cleansing, and scouring metals; water disinfectant; dyeing and bleaching textiles; washing wool. Grades—tech.; cakes and ground: crude; cryst.: dry: fused; C.P.
●Pkg—100 lb. kegs, 385 lb. bbls., 470 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM m-BISULFIDE see Sodium Bisulfite

SODIUM BISULFITE (Lencogen, Sodium Acid Sulfite, Sodium m-Bisulfide)

$NaHSO_3$. White, crystalline powd., sl. sulfurous odor. Sp. gr. 1.48. Decomp. on heating. Sol. water. Uses—mfr. sodium salts, cream of tartar, glucose, sugar, syrups, synth. dyestuffs and perfumes, intermediates, organic chemicals, tanning extracts; general antiseptic; antiseptic in fermentation industries; bleaching straw and cork; digesting wood pulp; sterilizing brewer's casks; antichlor in bleaching textiles; mordants and discharge in printing and dying fabrics; laboratory reagent; depilatory in cleaning hides; tanning leather; copper and brass plating; preserving foods; coagulating rubber latex; in medicine. Grades—powdered (65-67% SO_2); solution (32-40° Baume); pure dry; commercial dry; C.P.
●Pkg—100, 400 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
C B Coburn Co, 63 Market St, Lowell, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
L J & M La Place, Lellarts Lane, E Paterson, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 1, R I
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Riches-Nelson, 342 Madison Ave, N Y 17
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
G J Weeks Co, 44 N Moore St, N Y 13
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM m-BISULFITE

$Na_2S_2O_5$. M.W. 190.12. White, crystalline powd. Sol. water; insol. alcohol. Uses—reducing agent in mfr. of chemicals, dyestuffs, intermediates, sugar, in tanning extracts; mordant in dyeing; bleaching textiles, straw, cork, paper; antiseptic in fermentation in food industries; ingredient in photographic fixing baths and electroplating solutions; as an antichlor; sulfonation of double bonds to produce detergents.
●Pkg—100 lb. bags, 125, 400 lb. drums.

Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SODIUM BISULFITE, ANHYDROUS

●Pkg—100 lb. bags, 125, 400 lb. drums.

C B Coburn Co, 63 Market St, Lowell, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Mutchler Chem Co, 258-259 Broadway, N Y
Riches-Nelson, 342 Madison Ave, N Y 17
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
George F Smith, 60 E 42 St, N Y 17

SODIUM BORATE (Borax, Tincal, Tinkal, Sodium Tetraborate, Zola)

$Na_2B_4O_7.10H_2O$. Natural, white, solid crystalline or amorp. Sp. gr. 1.694 (17°C). Melts at red heat. Sol. water, glycerine. Uses—mfr. borax soaps, detergents, ceramics, borates, dyes, special glasses, inks, jewelry solder, synth. gems, solder, washing compound, varnishes, pigments, glazed paper and cards, cosmetics, starches, imitation marble; scouring and degumming agent; detergent for wool and woolen fabrics; mordant in printing and dyeing; solvent bleach; treating laces and linens; preservatives for wood, hides; laboratory reagent; neutralizing agent in chrome tanning; as flux; flux in welding; brazing agent; gold refining; enameling metals; lining safes; hat stiffener; in medicine. Grades—U.S.P.; C.P.; tech.—lump, powdered, glass.

●Pkg—100, 125 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
J T Baker Chem Co, Phillipsburg, N J
Croton Chem Corp, 114 Liberty St, N Y 6
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM m-BORATE

$Na_2B_2O_4$ or $Na_2B_2O_4.4H_2O$. M.W. 131.6 or 203.7. Cryst. which effloresce on exposure to atmosphere. Sol. water. Uses—prep. of photographic chemicals, adhesives, textiles finishing compounds, textile processing, in detergents and cleaners.

●Pkg—100 lb. bags.

Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal

SODIUM BOROFLUORIDE see Sodium Fluoborate

SODIUM BOROFORMATE

($NaH_3BO_3.2HCOOH.2H_2O$). White, crystalline. Solid. M.P. 110-111°C. Aqueous solution has a pH of approx. 8.5. Uses—buffering agent toward both acid and alkali; enhances bactericidal action of salicylates.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM BOROHYDRIDE

*Metal Hydrides, 22 Congress St, Beverly, Mass

SODIUM BROMATE

$NaBrO_3$. White cryst. or powd. Sp. gr. 3.339 (17.5° C). M.P. 381°C. Sol. water. Uses—mfr. cyanogen bromide, inorganic chemicals. Grades—C.P.; pure; reagent.

●Pkg—Custom packed, 25, 50, 200 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Dow Chem Co, Midland, Mich
International Selling Corp, 122 E 42 St, N Y 17
*Merck & Co, Rahway, N J

SODIUM BROMIDE

a. NaBr. b. $NaBr.2H_2O$. Colorless deliq. cryst. Sp. gr. a. 3.203 (35°C). b. 2.176 (20°C). M.P. a. 757.7° C. decomp. on heating. B.P. decomp. 1455°C. Sol. water; sl. sol. alcohol. Uses—mfr. photographic emulsions, organic chemicals, in medicine. Grades—U.S.P.; C.P.; commercial; pure; cryst.; powdered.

●Pkg—25, 50, 100, 500 lb. bbls., drums, 112 lb. cases.

J T Baker Chem Co, Phillipsburg, N J
Philip Bauer Co, 608 5 Ave, N Y 20
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
International Selling Corp, 122 E 42 St, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Prior Chem Corp, 420 Lexington Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SODIUM CACODYLATE (Sodium Dimethyl Arsenate)

$Na(CH_3)_2AsO_2.3H_2O$. M.W. 214.06. White, odorless, deliquescent cryst. or granular powd. M.P. 60°C. Uses—medicinal.

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 200 W 34 St, N Y 1
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Fallek Products Co, 163 Broadway, N Y 6
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y

SODIUM CAMPHOR SULPHONATE

$C_{10}H_{15}O_4SNa$. M.W. 254. White, odorless, stable powd.; sol. water. Uses—medicinal.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*Hexagon Labs, 35336 Peartree Ave, N Y 69
*Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17

SODIUM CARBOLATE see Sodium Phenate

SODIUM CARBONATE see Soda Ash

SODIUM CARBONATE MONOHYDRATED (Crystal Carbonate)

$Na_2CO_3.H_2O$. White powd. Loses water at 100°C. Sol. water. Sp. gr. 1.55. Uses—mfr. chemicals, cleaning and boiler compounds; in laundry textile cleaning; photography; in medicine. Grades—U.S.P.; tech.

●Pkg—100 lb. bags.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
*Church & Dwight Co, 70 Pine St, N Y 5
Cornwell Chem Corp, 24 E 38 St, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*General Chem Div, 40 Rector St, N Y 6
Philip A Hunt Co, Palisades Park, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
L B Russell Chem, 60 Orange St, Bloomfield, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM CARBONATE PEROXIDE

●Pkg—100 lb. drums.

*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y

SODIUM CARBOXYMETHYL CELLULOSE (Sodium Cellulose Glycolate)

White to cream-colored finely ground powd. Uses—detergency promoter; paper finish for resistance to grease and ink; warp size and finishing material; emulsifying agent; adhesive and binder in ceramics.

●Pkg—13, 51 gal. drums, 50 lb. bags.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
Bios Labs, 17 W 60 St, N Y 23

Metal Hydrides INCORPORATED

NBH*

* SODIUM BOROHYDRIDE

A specific water soluble reducing agent for aldehydes, ketones, and acid chlorides, giving high yields with no side reactions.

Technical data available on request to

METAL HYDRIDES INCORPORATED
22 CONGRESS STREET • BEVERLY, MASS.

SODIUM CACODYLATE N.F. IX
ACID CACODYLIC C.P.
IRON CACODYLATE N.F. IX
SODIUM METHYL ARSENATE
(French Codex)

Conray PRODUCTS COMPANY
200 W. 34th ST. NEW YORK 1, N. Y.
BRyant 9-5685

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

CARBOSE*

(Sodium Carboxymethylcellulose)

Wyandotte Carbose is designed specifically for detergent applications and a wide variety of other industrial uses requiring a low viscosity, rapidly soluble material.

In addition to its use in conjunction with soaps and synthetic detergents to effect a marked increase in carbon soil removal and whiteness retention on cottons, Carbose is extremely useful for improving the bursting strength of test liner as well as for giving various types of paper and paper board a superior finish which is resistant to penetration by inks and grease.

Carbose is of value as a warp size and finishing material in the textile industry.

Other applications include its use as a protective colloid, as an emulsifying agent and as an adhesive binder.

**Reg. U. S. Pat. Off.*

Samples and booklet available upon request

Wyandotte
REG. U. S. PAT. OFF.

WYANDOTTE CHEMICALS CORPORATION
WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives
DDT • BHC • Other Organic and Inorganic Chemicals

SODIUM CARBOXYMETHYL CELLULOSE, continued

*E I du Pont de Nemours & Co, Explosives Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Merchants Chem Co, 60 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

SODIUM CASEINATE

●Pkg—5, 10, 25, 50, 100 lb. bags, drums.

Blos Labs, 17 W 60 St, N Y 23
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Sheffield Chem Co, P O Box 630, Norwich, N Y

SODIUM CELLULOSE GLYCOLATE see Carboxymethyl Cellulose

SODIUM CHLORATE

$NaClO_3$. Colorless cryst. Sp. gr. 2.490. M.P. 250°C. Decomp. on further heating. Sol. water, alcohol. Uses—mfr. matches, bromine from natural brines, explosive compositions; general oxidizing agent for chemical purposes; as weed killer; substitute for potassium chlorate; tanning and finishing leather; mordant in dyeing and printing textiles; in medicine. Grades— cryst.; powd.; C.P.; U.S.P.; tech.

●Pkg—100, 110, 250, 600 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St N Y 13
*Cardox Corp, 307 N Michigan Ave, Chicago 1, Ill
*Chipman Chem Co, Bound Brook, N J
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Commodities Corp, 11 Mercer St, N Y 13
*International Selling Corp, 122 E 42 St, N Y 17
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

OLDBURY
ELECTRO-CHEMICAL COMPANY

SODIUM CHLORATE

POTASSIUM PERCHLORATE	POTASSIUM CHLORATE
PHOSPHORIC ACID 85% NF IX	OXALIC ACID
PHOSPHORUS OXYCHLORIDE	PHOSPHORUS PENTACHLORIDE
PHOSPHORUS TRICHLORIDE	PHOSPHORUS PENTASULFIDE
PHOSPHORIC ANHYDRIDE	PHOSPHORUS (Yellow or White)

PHOSPHOROUS ACID

HYPOPHOSPHITES ZINC PHOSPHIDE

ALKYL ACID PHOSPHATES
(ALKYL PHOSPHORIC ACIDS)

PLANT AND MAIN OFFICE
Niagara Falls, N. Y.
NEW YORK OFFICE 19 Rector St. New York 6, N. Y.

HERCULES

CELLULOSE GUM (HERCULES* CMC)

Water-soluble, sodium carboxymethylcellulose. Available in varying viscosity types in Purified and Unpurified Grades.

*Reg. U. S. Pat. Off.
GM51-1

HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J

SODIUM CHLORIDE (Salt, Common Salts, Rock Salt, Sal Culinaris, Table Salt, Sea Salt)

NaCl. M.W. 58.45. Natural, colorless or white, hygroscopic cryst. Sp. gr. 2.161. M.P. 804°C. B.P. 1413° C. Sol. water, glycerol. Uses—mfr. sodium salts, chlorates, hyperchlorites, chlorine, bleaching powd., hydrochloric acid, metallic sodium, pickles, butter, margarine, mineral waters; dyes, ceramic glazes, paper, glass, fertilizing compositions, food preps.; for culinary and pickling purposes; as condiment; preserving fish and meat; in dairy industry; metallurgy of zinc, copper, silver, and gold; salting dyestuffs; in freezing mixtures and cattle foods; photographic and laboratory reagent; dyeing and printing textiles; salting out soap; sodium light for spectroscopic and polariscopic work; curing hides; tanning leather; in medicine. Grades—C.P.; crude rock, sea, evaporated; U.S.P.; medicinal; fused; ground, powdered cryst.

● Pkg—100 lb. bags, 280 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Cayuga Rock Salt Co, Myers, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Frontier Chem Co, 321 W Douglas, Wichita, Kan
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*International Salt Co, P O Drawer 511, Scranton 2, Pa
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
*Morton Salt Co, Chem Div, 120 S LaSalle St, Chicago 3, Ill
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Solvay Process Div, 61 Broadway, N Y 6
Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM CHLORITE

$NaClO_2$. Uses—oxidizing agent, bleaching, reagent.

● Pkg—Custom packed.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I

SODIUM CHLOROACETATE

$Cl\text{-}CH_2\text{-}COONa$. M.W. 116.5. White powd. Uses—in the mfr. of thioglycollates, weed killers, dyes, vitamins, pharmaceuticals, photographic chemicals; in numerous other organic syntheses; in agriculture as a defoliant.

● Pkg—100, 300 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Rosenthal Bercow Co, 25 E 26 St, N Y

SODIUM CHLOROHYPOCHLORITE see Bleaching Powder

SODIUM o-CHLORO-p-TOLUENESULFONATE

$NaOSO_2C_6H_3CH_3Cl$. M.W. 228.6. Gray to light tan powd. Uses—dye intermediate.

● Pkg—250 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

SODIUM CHROMATE

$Na_2CrO_4.10H_2O$. M.W. 342.16. Yellow, efflorescent, hygroscopic cryst. Sp. gr. 1.483. M.P. 19.92°C. Sol. water; sl. sol. alcohol. Uses—mfr. mineral paint pigments; ink, chromates, dichromates, metallic chromium; mordant in dyeing and printing textiles; chemical film on lead and silver; tanning leather. Grades—pure neutral; highest purity; tech.; C.P.

● Pkg—100 lb. bags, 100, 400 lb. drums, 350 lb. bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Gane's Chem Works, 677 5 Ave, N Y 22
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Mutual Chem Co of America, 270 Madison Ave, N Y 16
*Natural Products Refining Co, 902 Garfield Ave, Jersey City 5, N J
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

SODIUM CITRATE

$2Na_3C_6H_5O_7.11H_2O$. Colorless cryst. Sp. gr. 1.857 (25.5°C). M.P. loses water at 150°C. Decomp. on further heating. Sol. water; sl. sol. alcohol. Uses—mfr. beverages; as photographic reagent; electroplating reagent; in medicine. Grades—C.P.; pure; commercial; U.S.P.; U.S.P. VII (both granular).

● Pkg—25, 50, 100, 200, 225, 250 lb. bbls., drums.

J T Baker Chem Co, Phillipsburg, N J
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa

SODIUM CYANATE

● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Edwal Labs, Ringwood, Ill
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

SODIUM CYANIDE

NaCN. White, deliq. crystalline granules. Sol. water; sl. sol. alcohol. Uses—solvent for precious metals in metallurgy; electroplating solutions, and cleaning metals; heating and treating metals; source of hydrocyanic acid for insecticidal purposes; fumigation; in medicine. Dangerous Poison. Grades—73-75%, 96-98%. Imported rated on equivalent in potassium cyanide as 120%. 125%, 128%; sometimes rated on cyanogen content as 52% equivalent to 96-98% grade.

● Pkg—4 x 25 packs/cases, 100, 160, 200 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J M Baird & Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
Chematar Inc, 40 Exchange Pl, N Y 5
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Henley & Co, 801 2 Ave, N Y 17
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7

MUTUAL CHEMICAL CO. OF AMERICA
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Sodium Bichromate
Potassium Bichromate
Chromic Acid

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New York 16, N. Y.

Plants: Baltimore and Jersey City

CITRATES

- SODIUM CITRATE
- POTASSIUM CITRATE
- FERRIC AMMONIUM CITRATES
- AMMONIUM CITRATE DIBASIC
- CALCIUM CITRATE (PURIFIED)

CHAS. PFIZER & CO., INC.
630 Flushing Ave., Brooklyn 6, N. Y.
425 N. Michigan Ave., Chicago 11, Ill.
1500 Sixteenth St., San Francisco 3, Calif.
4820 Loma Vista Ave., Vernon 58, Calif.
1151 Chattahoochie Ave., N.W., Atlanta, Ga.

Pfizer
Manufacturing Chemists for Over 100 Years

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

KOPPERS
SODIUM CYANIDE

● Available as an aqueous solution containing 26-30% NaCN. Manufactured from high purity hydrogen cyanide, assuring the highest quality sodium cyanide by reducing to a minimum the amount of contaminating organic chemicals and inorganic salts. Sodium Cyanide is used in electroplating, in manufacturing chemical pigments, and as an intermediate for the manufacture of organic chemicals.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

KOPPERS ®

SODIUM CYANIDE, continued

*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 8
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Charles Page & Co, 50 E 42 St, N Y 17
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
E S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Sterone Corp, 250 W 57 St, N Y 19
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
United Sterling Chem Corp, 350 5 Ave, N Y 1
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM DIACETATE (Sodium Acid Acetate)

$NaC_2H_3O_2.CH_3COOH$. White powd. Decomp. above 150°C. Sol. water, liberating 42.25% available acetic acid. Uses—available acetic acid in solid form. Grades—C.P.
● Pkg—100, 250 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

SODIUM 2,4-DICHLOROPHENOXYACETATE

● Pkg—12 x 1, 4 x 4 lb. bottles, ¼, 2 lb. tins, 25, 50, 100 lb. drums.

Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20

INDUSTRIAL CHEMICALS
Cable Address:
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96-98% Eggs, Flakes
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COPPER CYANIDE • ZINC CYANIDE
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NICKEL SALTS
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HIGHEST QUALITY—PROMPT SHIPMENT

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"YOUR ONE SOURCE"

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn

SODIUM DICHROMATE see Sodium Bichromate

SODIUM p-DIMETHYL-AMINO-AZOBENZINE-SULFONATE see Methyl Orange

SODIUM DIMETHYL ARSENATE see Sodium Cacodylate

SODIUM DIOXIDE see Sodium Peroxide

SODIUM DIPHENYLAMINE SULFONATE

$(C_6H_5)_2NSO_3Na$. M.W. 272. White powd. Uses—oxidation-reduction indicator in analytical chemistry.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM DIPHENYLBENZIDINE SULFONATE

$[C_6H_4NHC_6(SO_3NA)_3]_2$. M.W. 1356. Light yellow powd. Uses—as an oxidation-reduction indicator in analytical chemistry.
● Pkg—Bottles.

*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM ETHYL OXALACETATE see Ethyl Sodium Oxalacetate

SODIUM FERRIC PYROPHOSPHATE

$Na_8Fe_4(P_2O_7)_3.XH_2O$. Finely subdivided powd., insol. in water; sol. in hydrochloric acid. Contains 15.5% iron. Uses—food fortification as a mineral supplement.
● Pkg—100 lb. containers.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM FERROCYANIDE (Yellow Prussiate of Soda)

$Na_4Fe(CN)_6.10H_2O$. M.W. 484.11. Yellow monoclinic cryst. Sol. water; insol. alcohol. Uses—mfr. of blue pigments, ferricyanides, for textile printing.
● Pkg—100 lb. bags, 325 lb. bbls., 350 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Henry Bower Chem Mfg Co, 29 St & Gray's Ferry Rd, Phila 46, Pa
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Charles Page & Co, 50 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J

SODIUM FLUOBORATE (Sodium Borofluoride)

$NaBF_4$. M.W. 109.82. White powd. Uses—oxidation inhibitors; grain-refining agents; purifying and wetting fluxes for non-ferrous metals, especially aluminum.
● Pkg—Cans, drums.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Bios Labs, 17 W 60 St, N Y 23
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

SODIUM FLUOALUMINATE see Cryolite, Synthetic

SODIUM FLUORIDE (Fluorol)

NaF. White powd. or colorless cryst. Sp. gr. 2.766. M.P. 982°C. Sol. water; sl. sol. alcohol. Uses—mfr. enamels, vermin destroyers, rat poisons; as insecticide; germicide; flux; preservative for wood and food; in medicine. Grades—tech. (96-98% powd.); C.P.; pure. Poison.
● Pkg—125, 375 lb. drums.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
Aluminum Import Corp, 630 5 Ave, N Y 20
*American Agricultural Chem Co, 50 Church St, N Y 7
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bios Labs, 17 W 60 St, N Y 23
*Blockson Chem Co, Joliet, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Standard Chem Co, 217 New St, Phila 6, Pa
J U Starkweather Co, 241 Allens Ave, Providence, R I
Henry Sundheimer Co, 103 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

SODIUM FLUOROACETATE

FCH_2COONa. M.W. 100.03. Fine white powd., very poisonous. Sol. water. Uses—rodenticide.
●Pkg—2, 25, 50 x 8 oz. cans/case, 16, 64 x 1 lb. cans/case.
*Bios Labs, 17 W 60 St, N Y 23
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

SODIUM FLUOSILICATE see Sodium Silicofluoride

SODIUM FORMATE

$NaCHO_2$. White deliq. crystalline powd. Sp. gr. 1.919. M.P. 245.5°C. Sol. water; sl. sol. alcohol. Uses—mfr. formic and oxalic acids, intermediates, organic chemicals; mordant in dyeing and printing textiles; reducing agent for chemical purposes; in medicine. Grades—tech.; C.P.
●Pkg—75 lb. bags, 300 lb. drums.
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J T Baker Chem Co, Phillipsburg, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fiber Chem Corp, P O Box 218, Matawan, N J
*Heyden Chem Corp, 342 Madison Ave, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Scher Bros, 519 Getty Ave, Clifton, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM GENTISATE

●Pkg—Custom packed.
American Roland Corp, 16 Huduson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
McKesson & Robbins, 155 E 44 St, N Y
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
Polychemical Co, 494 Huntspoint Ave, N Y 59
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y 16

SODIUM GLUCONATE

$NaC_6H_{11}O_7$. White to yellowish crystalline powd., sol. in water. Uses—foods, pharmaceuticals.
●Pkg—5 lb. bottles, 25, 50 lb. drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

SODIUM GLUTAMATE, MONO

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
*Cole Labs, 42-25 9 St, L I C 1, N Y
Consumers Products Co, 99 Hudson St, N Y 13
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr, Chicago 6, Ill
Mutchler Chem Co, 258-259 Broadway, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Ben P Steele Co, 342 Madison Ave, N Y 17
O J Weeks Co, 44 N Moore St, N Y 13

SODIUM GLYCEROPHOSPHATE

●Pkg—25 lb. boxes, 25, 50, 100, 200 lb. bbls., drums.
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
*Bios Labs, 17 W 60 St, N Y 23
*Conray Products Co, 510 Ave of the Americas, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SODIUM GOLD CYANIDE

$NaAu(CN)_2$. Yellow powd. Sol. water; contains 46% gold min. Uses—gold plating.
●Pkg—1, 10 oz. bottles.
*Baker & Co, 113 Astor St, Newark 5, N J
*Bios Labs, 17 W 60 St, N Y 23
*Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Phillips & Jacobs, 622 Race St, Phila 6, Pa

SODIUM HEXA-m-PHOSPHATE see Sodium m-Phosphate

SODIUM HYDRATE see Soda, Caustic

GENERAL CHEMICAL
Sodium Compounds

Sodium Acid Fluoride
Sodium Aluminum Sulfate
Sodium Bifluoride
Sodium Bisulfite, Anhydrous
Sodium Fluoborate
Sodium Fluoride
Sodium Hyposulfite (Hypo)
Sodium Metabisulfite
Sodium Metasilicate
Sodium Phosphate, Dibasic
Sodium Phosphate, Tribasic
Sodium Silicofluoride
Sodium Silicate
Sodium Sulfate (Glauber's Salt)
Sodium Sulfate (Salt Cake) Crystal and Anhydrous
Sodium Sulfite, Anhydrous
Sodium Tripoly Phosphate
Sodium Thiosulfate (Hypo)
Trisodium Phosphate
Tetrasodium Pyrophosphate

OTHER PRODUCTS – SEE INSIDE BACK COVER
GENERAL CHEMICAL DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.

Offices in Principal Cities—See Directory Section

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Yellow Prussiate of Soda

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29th & GRAYS FERRY ROAD
PHILADELPHIA 46, PA.

BLOCKSON
manufacturers of
Sodium Fluoride
Also Sodium Silicofluoride
BLOCKSON Chemical Company
JOLIET, ILL. • PHONE 2-6601
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Bishop 2-1230

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Baker CHEMICAL

SODIUM HYDROXIDE,
N.F. and Reagent,
Pellets and Sticks

POTASSIUM HYDROXIDE,
U.S.P. and Reagent,
Pellets and Sticks

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

SODIUM HYDRIDE

NaH. M.W. 24.00. White and brownish-white microcrystalline powd. Uses—organic synthesis.
●Pkg—Cans/box.

*Metal Hydrides, 22½ Congress St, Beverly, Mass

SODIUM HYDROSULFIDE (Sodium Sulfhydrate)

$NaHS.3H_2O$. M.W. 110.11. Rhombic cryst. M.P. 22°C. Sol. in water and alcohol. The dihydrate ($NaHS.2H_2O$) has a M.W. of 92.10, and properties similar to the trihydrate, but is less stable.
●Pkg—90, 350 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
*Chemical Products Corp, Cartersville, Ga
John A Chew, 60 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Merichem Co, 3101 Fannin St, Houston 4, Tex
Mutchler Chem Co, 258-259 Broadway, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Sterone Corp, 250 W 57 St, N Y 19

SODIUM HYDROSULFITE

$Na_2S_2O_4.2H_2O$. Colorless, amorp. cryst., which decomp. at red heat. Sol. water. Uses—discharge in dyeing and printing textiles; reducing agent for removing dyes from textiles; bleaching agent and ingredient of vat liquors. Grades—tech.
●Pkg—50 lb. pails, 250 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bernard Color & Chem Corp, 333 Hudson St, N Y 13
Castle Color & Chem Co, 24 W 45 St, N Y 19
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
De Bear Inc, 636 11 Ave, N Y 36
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
M W Hardy & Co, 141 Broadway, N Y 6
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Slater-Robbins Co, 28-44 Borden Ave, L I C 1, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Stanalchem, Inc, 350 Madison Ave, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
*Virginia Smelting Co, W Norfolk, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Watson-Park Co, Box 158, Ballard Vale, Mass
Welch, Holme & Clark Co, 439 West St, N Y 14
*White Cross Labs, 79 Wall St, N Y
*Jacques Wolf & Co, Passaic, N J
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM HYDROXIDE see Soda Caustic

(see also ad on this page)

SODIUM HYPOCHLORITE (Eau de Labarraque, Eau de Javelle, Javelle Water)

NaOCl. Unstable in air. Stored in solution. Disagreeable, sweetish odor. Decomp. on heating. Sol. cold water. Uses—mfr. indigo, intermediates, organic chemicals, anthranilic acid; bleaching textiles, paper, pulp, etc.; purifying water in laundries; in medicine. Grades—solutions, 14%, various as to seller.
●Pkg—5, 13 gal. carboys, 30 gal. drums.

*Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Brown, 465 Congress, Portland, Me
*Brown Co, 150 Causeway St, Boston, Mass
John A Chew, 60 E 42 St, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
C B Coburn Co, 63 Market St, Lowell, Mass
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Hachik Bleach Co, 50 & Wynnefield Ave, Phila 31, Pa
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Legrand Chem Corp, 103 50 St, Bklyn 32, N Y 3, R I
*George Mann & Co, 251 Fox Point Blvd, Providence
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
Merchants Chem Co, 60 E 42 St, N Y 17
*Monarch Chem Works, 22 & Ave H, E Omaha, Neb
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

SODIUM HYPOPHOSPHITE

$NaH_2PO_2.H_2O$. M.W. 106.04. Uses—medicinal.
●Pkg—25, 50, 100 lb. drums.

Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Oldbury Electro Chem Co, 19 Rector St, N Y 6
Rosenthal Bercow Co, 25 E 26 St, N Y
Ben P Steele Co, 342 Madison Ave, N Y 17
*Victor Chem Wks, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM HYPOSULFATE

$Na_2S_2O_4.2H_2O$. Large transparent cryst., bitter taste. Sp. gr. 2.175. Uses—reagent.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
John A Chew, 60 E 42 St, N Y 17
L J & M La Place, Leliarts Lane, E Paterson, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
L B Russell Chem, 60 Orange St, Bloomfield, N J

Metal Hydrides INCORPORATED

SODIUM HYDRIDE

PROPERTIES

Formula ..... NaH
Appearance ..... White-to-gray free-flowing powder
Molecular Weight 24.005
Melting Point ..... Decomposes reversible above 150°C, rapidly above 400°C, to give hydrogen and molten sodium.

for information WRITE

METAL HYDRIDES INCORPORATED
22 CONGRESS STREET • BEVERLY, MASS.

SINCE 1916 . . . PIONEERS and LEADING PRODUCERS of SODIUM HYPOCHLORITE

SODIUM HYPOCHLORITE

Ammonia • Alcohol • Formaldehyde
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Acetic • Muriatic
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Washine INDUSTRIAL CHEMICALS

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Plant: LODI, NEW JERSEY • PRescott 7-4141

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SODIUM HYPOSULFITE (Sodium Thiosulfate, Hypo, Sodium Subsulfite)

$Na_2S_2O_3.5H_2O$. Colorless cryst. Sp. gr. 1.729. M.P. 32-48°C. Decomp. at 220°C. Sol. water, and oil of turpentine. Uses—mfr. synth. dyes, mercury pigments, intermediates, organic chemicals; pickling candle wicks; bleaching paper, ivory, bones, oils, and wool, etc.; extracting silver from ores; fixing agent in photography; chrome tanning leather; assistant in dyeing and printing fabrics; purifying drinking water; electroplating reagent; laboratory reagent; in medicine. Grades—U.S.P.; tech.: pea and regular cryst.; granulated; C.P.; pure.

●Pkg—100 lb. bags, 100, 175 lb. drums, 350, 375 lb. bbls.

Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
John A Chew, 60 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*General Chem Div, 40 Rector St, N Y 6
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
L J & M La Place, Lellarts Lane, E Paterson, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM IODATE

$NaIO_3$. M.W. 197.02. White cryst. Sol. water, acetone; insol. alcohol. Uses—medicine, disinfectant.

●Pkg—Bottles.

City Chem Corp, 132 W 22 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM IODIDE

a. NaI. b. $NaI.2H_2O$. White deliq. granules. Sp. gr. a. 3.665; b. 2.448. M.P. a. 664°C. B.P. a. 1300°C. Sol. water and alcohol. Uses—mfr. organic chemicals; iodine solvent; photographic and laboratory reagents; in medicine. Grades—U.S.P.; C.P.; tech.

●Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bergstrom Trading Co, 233 Broadway, N Y 7
*Cadet Chem Corp, 717 Elk St, Buffalo 5, N Y
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Fallek Products Co, 163 Broadway, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
George Uhe Co, 76 9 Ave, N Y 11

SODIUM IRON PYROPHOSPHATE

$Na_3Fe_4(P_2O_7)_5.6H_2O$. M.W. 1,270.20. Light tan powd. Uses—iron enrichment of flour, cereals, milk amplifiers, food beverages.

●Pkg—150 lb. drums.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM LACTATE

$NaC_3H_5O_3$. M.W. 112.06. A thick syrup-like liq. Sol. water, alcohol. M.P. 17°C. Uses—in form of 75% as a corrosion inhibitor in alcohol antifreeze.

●Pkg—6, 13 gal. carboys, 55 gal. bbls., drums.

*American Maize Products Co, 100 E 42 St, N Y
*Apex Chem Co, 225 W 34 St, N Y 1
J M Baird Co, 254 W 31 St, N Y 1
*Clinton Foods, Clinton, Iowa
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Sheffield Chem Co, P O Box 630, Norwich, N Y

SODIUM LAURYL SULFATE

New product which is finding use as a soap substitute. Does not leave a "ring." Employed largely in the textile field.

●Pkg—1, 5, 32, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Procter & Gamble Co, Gwynne Bldg, Cincinnati 1, Ohio
*Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

SODIUM LIGNOSULFONATE, NEUTRAL

Tan free-flowing powd. Decomp. at 175°C. Sol. water, glycerine, ethanolamine; sl. sol. methanol, ethanol; insol. petroleum hydrocarbons, benzene. Uses—dispersant and emulsifier for pitch, carbon blacks, anti-oxidants and pigments, acetate dyes and vat colors, in insecticides.

*Marathon Corp, Chem Div, Rothschild, Wis

SODIUM, METAL (Natrium)

Na. At. Wt. 23. Silver-white, solid amorp. Sp. gr. 0.9732 (15°C). M.P. 97.6°C. B.P. 880°C. Decomp. in water. Insol. benzine, benzene, kerosene, naphtha. Uses—mfr. sodium salts, sodium peroxide, sodium cyanide, sodamide, indigo, dyestuffs, synth. perfumes and drugs, silicon, sodium amalgams and alloys, intermediates, organic chemicals; as chemical catalyst; reducing agent; desulfurizing petroleum; as flux in metallurgy of magnesium; laboratory reagent. Grades—tech.

●Pkg—2 x 25 lb. pails/cans, 290 lb. bbls.

Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Ethyl Corp, 100 Park Ave, N Y 17
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
National Distillers Products Corp, 120 Broadway, N Y 5
Sterone Corp, 250 W 57 St, N Y 19
*U S Industrial Chem Co Div, National Distillers Corp, 120 Broadway, N Y 5

Na metallic
Na SODIUM
Na AVAILABLE
Na FOR IMMEDIATE SHIPMENT
Na FOR INDUSTRY
Na Bricks—12, 5, 2½, & 1 lb. (55 gal. returnable steel barrels)
Na Solid—400 lb. net (55 gal. non-returnable steel drums)
Na Tank Cars—80,000 lbs.
Na FOR RESEARCH & DEVELOPMENT
Na 1 or 2 lb. bricks (3½ gal. steel pails, 20 lbs. net)
Na LITERATURE AND TECHNICAL ASSISTANCE AVAILABLE ON REQUEST
Na

NATIONAL DISTILLERS CHEMICAL CO.

Na

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Metallic Sodium is manufactured by National Distillers Chemical Co. at Ashtabula, Ohio and sold by:

INDUSTRIAL CHEMICALS CO.
Divisions of National Distillers Products Corporation
120 Broadway, New York 5, New York
Branches in all principal cities

See Our Catalog Ad Pages 89-92

SODIUM
(metallic)

AVAILABLE
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Chemicals for industry & agriculture
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DU PONT
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METALLIC SODIUM
POTASSIUM METAL
SODIUM CYANIDE, 96%
POTASSIUM CYANIDE, 96%
Cyanide Mixtures — Zinc Cyanide
Copper Cyanide — Sodium Sulfocyanide

E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON - DELAWARE

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

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SODIUM NITRITE

U.S.P.

•

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Cleaning Compounds • Ammonium Chloride
Caustic Potash • Sodium Nitrite
Snowflake® Crystals • Para-dichlorobenzene
Ortho-dichlorobenzene • Monochlorobenzene

SODIUM METANILATE

$NaO_3S(C_6H_4)(NH_2)$. Solid. Uses—mfr. intermediates, dyestuffs. Grades—tech. 99%; solution 20%.
● Pkg—90 lb. bbls.

*Calco Chem Div, American Cyanamid Co, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del

SODIUM METHYLARSENATE (Arrhenal Disodium Monomethylarsenate)

$Na_2CH_3AsO_3.6H_2O$. M.W. 291.986. M.P. 130-140°C. Uses—medicine.
● Pkg—Custom packed.

*Arenol Chem Corp, 40-33 23 St, L I C 1, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Fallek Products Co, 163 Broadway, N Y 6
Lack Chem Co, 19 Park Pl, N Y 7

SODIUM METHYLATE

CH_3ONa. M.W. 54.031. Sodium Methylate is an amorp., white, free-flowing powd. easily sol. in methyl and ethyl alcohol. It reacts with the moisture in air to form caustic soda and methyl alcohol. It is sensitive to the oxygen in air. It decomp. on heating to about 300° with the formation of ethylene, Na_2CO_3, C and H. When heated in the presence of air to 100-150°C alcohol is split off and a mixture of sodium carbonate, formate and acetate is formed. At 200°C oxalate is also obtained. Uses—in various condensation reactions such as in the prep. of aceto acetic ester and barbiturates; in the condensation of alkyl carbonates with organic esters and ketones and in pyrimidine condensations.
● Pkg—Bottles, 10 lb. pails, 200 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11
European Chem Co, 366 Broadway, N Y 13
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Humphrey-Wilkinson, DeVine St, N Haven, Conn
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Metal Hydrides, 22½ Congress St, Beverly, Mass

SODIUM MOLYBDATE

$Na_2MoO_4.2H_2O$. White crystalline powd. or colorless leaflets. Sp. gr. 2.590. M.P. 687°C. Sol. water. Uses—mfr. casein glues, paint pigments; as laboratory reagent; in medicine. Grades—tech.: C.P.
● Pkg—100, 150, 200, 375 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col

SODIUM MONOXIDE

Na_2O. M.W. 62.0. Grayish or white mass. Sublimes and melts at red heat; decomp. by water, alcohol and ether to form the hydroxide. Uses—as a reagent, as a strong base.
● Pkg—60 lb. pails, 350 lb. drums.

City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del

SODIUM-b-NAPTHALENE SULFONATE

● Pkg—260, 500 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*National Aniline Div, 40 Rector St, N Y 6
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J

SODIUM NAPHTHENATE

White paste. Uses—mfr. driers; as a detergent.
● Pkg—Drums.

*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

SODIUM NAPHTHIONATE (α-Sodium Naphthylamine Sulfonate)

$NaC_{10}H_6NH_2SO_4$. Colorless cryst. Sol. water. Uses—mfr. dyestuffs; detecting nitrous acid. Grades—tech. (paste, 99% cryst.).
● Pkg—235 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
Cornwell Chem Corp, 24 E 38 St, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*National Aniline Div, 40 Rector St, N Y 6

SODIUM 2-NAPHTHOL 7-SULFONATE

● Pkg—50, 100 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17

α-SODIUM NAPHTHYLAMINE SULFONATE see Sodium Naphthionate

SODIUM NITRATE (Chile Saltpetre, Cubic Nitre, Nitratine, Soda Nitre Saliter)

$NaNO_3$. M.W. 85.01. Colorless, odorless, hygroscopic cryst. Sp. gr. 2.257. M.P. 308°C. Decomp. on further heating. Sol. water, glycerine; sl. sol. alcohol. Uses—mfr. sulfuric and nitric acids, sodium salts, dyestuffs, intermediates, pharmaceuticals, potassium nitrate, dynamites, military explosives and fuses, glass, pyrotechnic compositions, fertilizers, leather dressings, red lead and paint pigments, rayon; general oxidizing agent; as fertilizer; food preservative; pickling meats; enhancing burning qualities of tobacco; metallurgical flux; in medicine. Grades—U.S.P., granular, sticks, powd.; crude, 95%, double, refined, recrystallized; C.P.
● Pgk—100 lb. bags.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, N Y 6
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Chilean Nitrate Sales Corp, 120 Broadway, N Y 5
Croton Chem Corp, 114 Liberty St, N Y 6
*Davies Nitrate Co, 114 Liberty St, N Y 6
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Solvay Process Div, 40 Rector St, N Y 6
Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM NITRITE (Diazotizing Salts)

$NaNO_2$. Sl. yellowish or white cryst. Sp. gr. 2.167. M.P. 271°C. Decomp. on further heating. Sol. water; sl. sol. alcohol, ether. Uses—mfr. azo dyestuffs, nitric oxide; dyeing textiles by diazotization; reagent in making intermediates, organic chemicals, pharmaceuticals; laboratory and photographic reagent; pickling meats; in medicine. Grades—tech.; recrystallized; C.P.; U.S.P.; sticks, cryst.; powd.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Cornwell Chem Corp, 24 E 38 St, N Y
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Fallek Products Co, 163 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweathr Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM NUCLEINATE

*Bios Labs, 17 W 60 St, N Y 23
*Fallek Products Co, 163 Broadway, N Y 6
*Roussel Corp, 155 E 44 St, N Y 17
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

SODIUM OLEATE (Eunatrol)

$NaC_{18}H_{33}O_2$. Yellow, amorp. granules. M.P. 235°C. Sol. water, alcohol. Uses—waterproofing textiles, etc.
● Pkg—100 lb. bags, 180, 200 lb. bbls., drums.

*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

SODIUM OXALATE

$Na_2C_2O_4$. White, crystalline powd. Sol. water. Uses—mfr. pyrotechnic compositions; textile finishing; tanning and finishing leather; laboratory reagnt. Grades—tech.; U.S.P.; C.P.
● Pkg—100 lb. bags, 25, 100 lb. kegs, 225 lb. bbls.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Hummel Chem Co, 90 West St, N Y 6
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Sterone Corp, 250 W 57 St, N Y 19
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SODIUM PENTACHLOROPHENATE

Brownish-gray powd., non-volatile at ordinary temps. Practically odorless. Non-hygroscopic under ordinary conditions. Uses—mfr. of termite-resistant cellulose insulating board and for control of microbiological activity in paper, paperboard, leather, adhesives, latex and cold water paints; for control of sap stain in green lumber; and for control of slime and algae in water systems where the water is not used for drinking or bathing.

●Pkg—42, 50 lb. bags, 60, 70, 100, 200 lb. drums.

*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Dow Chem Co, Midland, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

SODIUM PENTOBARBITAL (Soluble Pentobarbital)

$C_{11}H_{17}N_2O_3Na$. M.W. 248.26. White cryst. granules or powd. Sol. water, alcohol; insol. ether. Uses—hypnotic, sedative.

●Pkg—1 lb. bottles, 5, 25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
*Blackman Brands, Wesley St, S Hackensack, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
Failek Products Co, 163 Broadway, N Y 6
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Philip J Lo Bue Co, 277 Park Ave, N Y 17
McKesson & Robbins, 155 E 44 St, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sumner Chem Co, 6 E 45 St, N Y 17

Sumner Chemical

manufacturers of

Pentobarbital sodium U.S.P.
Toloxyn (mephenesin N.N.R.)
Acetyl-p-aminophenol pure
p-hydroxypropiophenone
o-hydroxypropiophenone

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Organic Chemicals
ZEELAND, MICHIGAN
General Sales Offices:
6 E. 45th St., New York 17, N. Y.
MUrray Hill 2-7970

MONSANTO
SANTOBRITE*

(Sodium Pentachlorophenate Technical)

Standard Forms: Powder; 1-oz. briquettes; pellets.

Characteristics: Light-tan color; nonvolatile; comparatively odorless; stable under ordinary atmospheric conditions when stored in a dry place. Soluble in various organic polar solvents. Stable, relatively unreactive; but partial conversion to insoluble pentachlorophenol occurs at pH's below 6.8, and insoluble salts are formed by reaction with ions of copper, lead, mercury, zinc, iron and calcium. Noncorrosive to metals. Available as substantially neutral material containing from 0.5 to 0.9% free alkali.

General Information: A water-soluble industrial preservative, fungicide, algaecide, and herbicide. Used for manufacture of termite-resistant cellulose insulating board and for control of microbiological activity in paper, paperboard, leather, adhesives, latex and cold-water paints; for control of sap stain in green lumber; for control of slime and algae in water systems where the water is not used for drinking or bathing; and in the manufacture of herbicide formulations.

PENTA

(Santophen* 20, Monsanto's Pentachlorophenol Technical)

Characteristics: Dark-grayish flakes; chlorophenolic odor; crystallizing point 174.0° C. min. Stable; relatively nonhygroscopic; insoluble in water but soluble in most organic solvents, fats, waxes, resins and asphalts. Boiling point is 293° C. at 760 m.m. Relatively inert chemically, but reacts with strong alkalis to form water-soluble salts.

General Information: A water-insoluble industrial preservative and herbicide. Used as an insect- and decay-control agent for wood, cellulosic products, textiles, and as an active ingredient in herbicide formulations.

Application Information: Wood-preservative formulations of Santophen 20—Penta—can be applied by any of the accepted methods—pressure, soak, dip, brush or spray.

*Reg. U. S. Pat. Off.

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division,
St. Louis 1, Missouri

MONSANTO
CHEMICALS—PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SODIUM PERBORATE

ATTRACTIVELY PRICED

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Cable Address: JOMBAIRD, NEW YORK

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BARIUM CARBONATE
BLANC FIXE
EPSOM SALT
LITHIUM SALTS
PERCHLORETHYLENE
SODIUM PHOSPHATES
CAUSTIC SODA
TARTARIC ACID

CABLES: ENCOFAN New York
ENCOFAN Tokyo

Enco Chemical Corporation
formerly Neuberg Chemical Corp.
441 LEXINGTON AVENUE
NEW YORK 17, N. Y.

DU PONT
REG. U.S. PAT. OFF.
PEROXIDES
Bleaching and Oxidizing Agents
HYDROGEN PEROXIDE
SODIUM PEROXIDE
SODIUM PERBORATE
MAGNESIUM PEROXIDE
CALCIUM PEROXIDE
ZINC PEROXIDE
SODIUM BORATE PERHYDRATE
E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON · DELAWARE

SODIUM PERBORATE (Perborin, Perborax, Peroxydol)

$NaBO_3 4H_2O$. White granules or crystalline powd. Decomp. on exposure to heat or moisture. Sol. alkalies, glycerol, water. Uses— mfr. hydrogen peroxide, detergent soaps, dental compositions, hair bleaches, toilet preps., cosmetics; laboratory and laundry reagent; general oxidizing agent for chemical purposes; bleaching textiles, fats, oils, bones, gelatin, straw, ivory, sponges, bristles, resins, waxes, etc.; detergent for treating textiles; dyeing and printing textiles; as deodorant, germicide, antiseptic and bactericide; general bleaching agent; electroplating reagent; recover sol. starch; to gloss starch for ironing; in medicine. Grades—tech.; U.S.P.; C.P.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*J M Baird & Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bergstrom Trading Co, 233 Broadway, N Y 7
Berkshire Chem. Graybar Bldg, 420 Lexington Ave, N Y
*Browning Chem Corp, 150 Broadway, N Y
*Buffalo Electro-Chem Co, Station B, Buffalo 7, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Enco Chem Co, 441 Lexington Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Frank Samuel & Co, 24 State St, N Y 4
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
*F H Taussig, 175 W 76 St, N Y 23
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM PERBORATE MONOHYDRATE

● Pkg—125 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
Philipp Bros Chem, 37 Wall St, N Y 5

SODIUM PERCHLORATE

$NaClO_4 \cdot H_2O$. M.W. 140.47. Clear crystalline material. Uses—analytical determination of potassium. L. Decomp. 130°C; sol. water.

● Pkg—Bottles.

J M Baird Co, 254 W 31 St, N Y 1
Mercer Chem Corp, 11 Mercer St, N Y 13
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM m-PERIODATE

$NaIO_4 \cdot 3H_2O$. M.W. 267.97. White crystalline material. Uses—colorimetric determination of manganese; oxidant for certain types of organic material. L. Decomp. on heating; sol. water.

● Pkg—Bottles.

*J T Baker Chem Co, Phillipsburg, N J
*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM p-PERIODATE

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SODIUM PERMANGANATE

$NaMnO_4 3H_2O$. M.W. 195.97. Purple or reddish-black cryst. which decomp. when heated. Sol. alcohol, ether. Uses—as a reagent and oxidizing agent; in medicine.

● Pkg—Custom packed.

*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill

SODIUM PEROXIDE (Oxone, Sodium Binoxide, Sodium Dioxide, Sodium Superoxide)

Na_2O_2. Yellowish-white, amorp. powd. Sp. gr. 2.805. Decomp. on heating. Sol. cold water. Uses—mfr. peroxides, organic chemicals, intermediates, detersive compositions, medicinal soaps, pharmaceutical derivatives; dyeing and printing textiles; laboratory reagent; general disinfectant; as deodorant, germicide, antiseptic, oxidizing and bleaching agent for various purposes; purifying air in hospitals; disinfecting drinking water; generating oxygen various purposes—in submarines, diving bells, etc.; bleaching oils, fats, textiles, feathers, hair, bones, ivory, sponges, bristles, straw, etc.; in medicine. Grades—C.P.; tech.; dental.

● Pkg—20, 75 lb. pails, 280 lb. bbls., 400 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*National Distillers Chem Co Div, State Rd, Ashtabula, Ohio
Philipp Bros Chem, 37 Wall St, N Y 5
George J Wiesner Co, 150 Nassau St, N Y 38

SODIUM PERSULFATE

J M Baird Co, 254 W 31 St, N Y 1
Caldwell Chem Co, 441 Lexington Ave, N Y 17
City Chem Corp, 132 W 22 St, N Y 11
Joseph Turner & Co, Ridgefield, N J

SODIUM PHENATE (Sodium Carbolate)

NaC_6H_5O. M.W. 116.0. Colorless hygroscopic prod. Sol. water. Uses—as an intermediate; as an antiseptic.

City Chem Corp, 132 W 22 St, N Y 11
*Fine Organics, 211 E 19 St, N Y 3
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

INDUSTRIAL CHEMICALS

Cable Address: PHIBROCHEM NEW YORK

SODIUM PERBORATE
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SODIUM PEROXIDE
FORMALDEHYDE

Philipp Brothers Chemicals Inc.
37 WALL STREET, NEW YORK 5, N. Y.
PORTLAND, CONN. PHILADELPHIA BOSTON PROVIDENCE BALTIMORE

SODIUM PHENOL SULFONATE (Sodium Sulfocarbolate)

$HOC_6H_4SO_3Na.2H_2O$. M.W. 242.13. White, odorless cryst.; sl. bitter taste; efflorescent. Uses—medicine.
● Pkg—25, 100, 200, 275 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y

SODIUM PHENYL ACETATE

$C_6H_5CH_2COONa$. M.W. 158.1. Colorless to light brown liq. Uses—precursor in the mfr. of penicillin.
● Pkg—500, 540 lb. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Benzol Products Co, 237 South St, Newark 5, N J
*Edward S Burke, 65 Pine St, N Y 5
*Kay-Fries Chem, 180 Madison Ave, N Y 16
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Trubek Labs, State Hway #17, E Rutherford, N J

SODIUM o-PHENYLPHENATE

o—$C_6H_5.C_6H_4ONa.4H_2O$. M.W. 264.5. White or light buff flakes or powd. with a sl. soapy odor. Sol. water, alcohol, acetone; insol. most organic solvents. Uses—as a germicide; fungicide.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Dow Chem Co, Midland, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Merchants Chem Co, 60 E 42 St, N Y 17

SODIUM m-PHOSPHATE (Sodium Hexa-m-Phosphate, Graham's Salt)

$(NaPO_3)_6$. M.W. 611.82. Glassy plates, flakes or agglomerates. Very sol. in water; reverts slowly to o-Phosphate in cold water solutions, more rapidly at elevated temp. or in acid or alkaline solutions. Uses—water softening, leather tanning, mfr. of process cheese, oil well drilling muds.
● Pkg—100 lb. bags, 100, 300, 320 lb. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Blockson Chem Co, Joliet, Ill
John A Chew, 60 E 42 St, N Y 17
Duff Chem Co, 342 Madison Ave, N Y 17
Enco Chem Corp, 441 Lexington Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Riches-Nelson, 342 Madison Ave, N Y 17
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I

SODIUM PHOSPHATE, DIBASIC see Sodium Phosphate, Di-Sodium

SODIUM PHOSPHATE, DI-SODIUM (Sodium Phosphate, Dibasic, Disodium o-Phosphate, Hydrodisodium Phosphate)

$Na_2HPO_4.12H_2O$. Colorless, transparent cryst. Sp. gr. 1.5235. M.P. 35°C. Loses water at 100°C. Sol. water. Uses—mfr. dyestuffs, pharmaceuticals, baking powd., paint pigments; as chemical and laboratory reagent; discharge in pottery and porcelain glazes; in galvanoplastic work; soldering enamels; dyeing and printing textiles; fireproofing textiles, wood, paper, etc.; tanning leather; weighting silk; in medicine. Grades—U.S.P.; tech.; pure granular, twice purified; cryst. or dried.
● Pkg—100 lb. bags, drums, 300, 325 lb. bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Blockson Chem Co, Joliet, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17

SODIUM PHOSPHATES
Mono-, Di-, Trisodium Phosphates
Sodium Tripolyphosphate
Tetrasodium Pyrophosphate
Sodium Acid Pyrophosphate
●
VICTOR CHEMICAL WORKS
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L-CYSTINE
MAYCO CHEMICAL CO.
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AMMONIUM PHENOLSULPHONATE
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BURLINGTON, IOWA

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

BLOCKSON

manufacturers of

Mono-sodium Phosphate

Sodium Acid Pyrophosphate

BLOCKSON
Chemical Company
JOLIET, ILL.•PHONE 2-6601
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MONSANTO
SODIUM PHOSPHATES

Mono Sodium Phosphate
Di Sodium Phosphate — Tri Sodium Phosphate
Sodium Tripoly Phosphate
Tetra Sodium Pyrophosphate — Acid Sodium Pyrophosphate
Sodium Ferric Pyrophosphate

MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS—PLASTICS

SODIUM PHOSPHATE, DI-SODIUM, continued

Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
L J & M La Place, Leilarts Lane, E Paterson, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17

Phosphates
FOR ALL PURPOSES

Sodium Phosphate, Dibasic, Anhydrous

Sodium Phosphate, Tribasic

Sodium Tripoly Phosphate

Tetrasodium Pyrophosphate, Anhydrous

OTHER PRODUCTS – SEE INSIDE BACK COVER
GENERAL CHEMICAL DIVISION
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N. Y.
CABLE ADDRESS: "LYCURGUS" NEW YORK, N.Y.
Offices in Principal Cities— See Directory Section
Allied Chemical

SODIUM HEXAMETAPHOSPHATE

John A. Chew
incorporated
Industrial & Fine Chemicals
60 East 42nd Street
NEW YORK 17, N. Y.
MU 2-0993

SODIUM PHOSPHATE, HEMIBASIC

$NaH_5(PO_4)_2$. Hygroscopic strongly acid salt, sol. in water. Uses—treating silage, contact tinning of brass, boiler water treatment.
●Pkg—350, 600 lb. bbls.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Duff Chem Co, 342 Madison Ave, N Y 17
McKesson & Robbins, 155 E 44 St, N Y
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM PHOSPHATE, MONOBASIC see Sodium Phosphate, Mono-Sodium

SODIUM PHOSPHATE, MONO-SODIUM

(Tasteless Salt, Sodium Phosphate, Monobasic, Sodium Acid Phosphate, Monosodium o-Phosphate, Sodium Biphosphate)

NaH_4HO_8. Anhydrous NaH_2PO_4. Colorless cryst. Sp. gr. 2.040. Loses water at 200°C. Sol. water. Uses—mfr. baking powd.; as laboratory reagent; electroplating reagent; in medicine. Grades—tech.; recrystallized; pure; C.P.; U.S.P.
●Pkg—100 lb. bags, drums, 300, 325 lb. bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*J T Baker Chem Co, Phillipsburg, N J
*Blockson Chem Co, Joliet, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
Duff Chem Co, 342 Madison Ave, N Y 17
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Ribbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

SODIUM PHOSPHATE, TETRA

$Na_6P_4O_{13}$. Hygroscopic, glassy plates, beads or powd. Very sol. water. Uses—industrial and municipal water treatment; dishwashing and detergent compounds; leather tanning; oil well drilling muds; purification of clay.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Blockson Chem Co, Joliet, Ill
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
Riches-Nelson, 342 Madison Ave, N Y 17
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
J U Starkweather Co, 241 Allens Ave, Providence, R I
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM PHOSPHATE TRIBASIC see Sodium Phosphate, Tri-Sodium

SODIUM PHOSPHATE, TRI-SODIUM (Sodium Phosphate Tribasic, Trisodium o-Phosphate, Sorensen's Phosphate)

$Na_3PO_4.12H_2O$. Colorless cryst. Sp. gr. 1.644. M.P. 73.4°C. Sol. water. Uses—mfr. water softeners, boiler and cleaning compounds, photographic developers; as laundry reagent; tanning leather; clarifying sugar and liquors. Grades—tech.; C.P.; highest purity.
●Pkg—100 lb. bags, drums, 300, 325 lb. bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Blockson Chem Co, Joliet, Ill
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Duff Chem Co, 342 Madison Ave, N Y 17
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Legion Chem, 70 Wall St, N Y 5
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
George Mann & Co, 251 Fo. Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*White Cross Labs, 79 Wall St, N Y

SODIUM POLYSULFIDE

$(Na_2S)x$. M.W. (78.06)x. Uses—in mfr. of sulfur colors and dyes, pharmaceuticals, insecticides; in production of rubber substitutes and petroleum additives; in soaking of hides.
●Pkg—6 x 10 lb. cans/case, 100, 150 lb. drums.

E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

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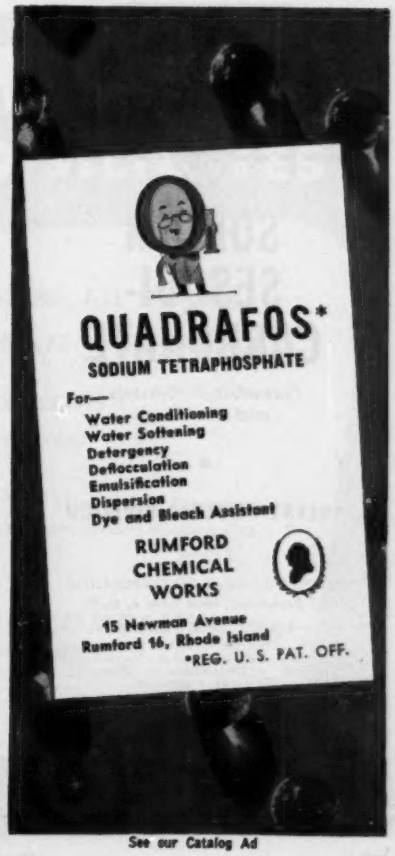
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Trisodium Phosphate
Tetrasodium Pyrophosphate
Sodium Tripolyphosphate

FOR INFORMATION:
WRITE TO DEPARTMENT B

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Ortho-dichlorobenzene • Monochlorobenzene

MONSANTO
SODIUM SALICYLATE, U.S.P.

White powder or crystals; assay (as received) 99.5% min.; solubility in water (1:10) complete; solubility in ethyl alcohol 95% (1:10) complete, colorless or nearly colorless; conforms to U.S.P. tests for heavy metals and carbonizable impurities; powder trace max. retained on 60 mesh, 1.0% on 80 mesh, 2.0% on 100 mesh.

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Organic Chemicals Division
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MONSANTO
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SODIUM POTASSIUM TRIPOLYPHOSPHATE, MIXED

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

SODIUM PROPIONATE

●Pkg—25, 100, 250 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Polychemical Co, 494 Huntspoint Ave, N Y 59

SODIUM PYROPHOSPHATE PEROXIDE

$Na_4P_2O_7.2H_2O_2$. M.W. 334. White powd. Sol. water. Uses—metal cleanser, denture cleaner, detergent and bleaching agent.

●Pkg—100 lb. drums.

*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y

SODIUM PYROPHOSPHATE TETRA (Pyro)

$Na_4P_2O_7$. M.W. 266. Fine white powdered or granular material. Stable in cold water solutions, cold alkaline solutions; acidification causes breakdown. Uses—soap builder; water treatment; cleaning and detergent compounds; purification of clay; eletroplating; bleaching of straw; ink eradicator; stabilizer for peroxide solutions.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
*Blockson Chem Co, Joliet, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Howe & French, 99 Broad St, Boston, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM RESINATE

●Pkg—50 lb. bags.

*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Crosby Chem, P O Box 32, De Ridder, La
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Southern Naval Stores Div, Columbia, Miss
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM RHODANATE see Sodium Sulfocyanide

SODIUM RHODANIDE see Sodium Sulfocyanide

SODIUM RICINOLEATE

$C_{17}H_{32}COONa$. White paste. Uses—mfr. special soaps; as an emulsifying agent.

*Baker Castor Oil Co, 120 Broadway, N Y 5
*Toelle Chem Co, R D 1, Box 75, Newton, N J

SODIUM SALICYLATE

$NaC_7H_5O_3$. White crystalline scales or powd., sweetish saline taste. Sol. water. Recrystallized for purification. Uses—in organic synthesis and medicine. Grades—U.S.P.; tech.; U.S.P. from oil wintergreen.

●Pkg—5, 25 lb. cartons, 25, 50, 100, 200, 300 lb. drums, bbls.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, LIC 1, NY
Harshaw Chem Co,1945 E 97 St, Cleveland 6, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Simpson Labs Div, 120 Wall St, N Y 5

SODIUM SELENITE

●Pkg—4 x 20 lb. tubes/case.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

SODIUM SESQUICARBONATE

The true Sesquicarbonate of Soda, $Na_2CO_3.NaHCO_3.2H_2O$. White, needle-like cryst., uniform composition, free-flowing, no caking, completely sol. in water. Uses—laundry, textile, tanning, silk degumming, bath cryst., cream neutralization, general cleaning.

●Pkg—100 lb. bags, drums, 280, 325 lb. bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
McKesson & Robbins, 155 E 44 St, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

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Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
J U Starkweather Co, 241 Allens Ave, Providence, R I
*F H Taussig, 175 W 76 St, N Y 23
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Welch, Holme & Clark Co, 439 West St, N Y 14
*Westvaco Chem Div, 161 E 42 St, N Y 17

SODIUM SESQUISILICATE

$Na_3SiO_4.5H_2O$. Approx. 36% Na_2O, 24% SiO_2. White granular free-flowing powd. Completely sol. in water. M.P. 90-95°C. Produces pH of 11.6 at a concentration of .1% by wt. Uses—heavy duty cleaning, metal, laundries, ingredient in specially fabricated cleaning compounds.
● Pkg—Bbls., drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
McKesson & Robbins, 155 E 44 St, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
Scher Bros, 519 Getty Ave, Clifton, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM SHOT

*Pierce Chem Co, P O Box 117, Rockford, Ill

SODIUM SILICATE (Water Glass, Soluble Glass, Liquid Glass)

$3Na_2O.2SiO_2$ to $Na_2O.3.9SiO_2$. (a) Anhydrous glass in lump or powd. form requiring special treatment for solution in water. (b) Corresponding liq. from 33° Baume, 69° Baume, water-white and cloudy (c) Hydrated powd. quickly sol. in water. M.P. (liquidus temp.) 800 to 880°C except 1100° for Na_2O, $3.9SiO_2$. Uses—mfr. insol. silicates, silica gel, boiler compounds, adhesives preps., paperboard products, corrugated paper, fiberboard products, wallboard, asbestos products, veneer products, flooring, laying parquet flooring, stainproofing lumber, greaseproofing, paper, sizing and coating paper, testing and sizing barrels, soaps, detergents, cleaners, boiling-off cottons, weighting silks, peroxide bleaching process, bleaching jute, fireproofing textiles and curtains, resist in dyeing and printing fabrics, purifying oils and fats, refining petroleum, binders for various processes, abrasive wheels, stove, furnace, china pipe, acidproof, glass cements; glazing enamels; digester and acid concentrator linings; lining Bessemer converters; preservative coatings for cement and concrete; preserving eggs; tanning leather; cold water paint; waterproofing walls; thickener in ink. Grades—powd.; solution; waterwhite, also various Baumes cloudy silicate.
● Pkg—1, 5, 55 gal. drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa

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Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM m-SILICATE

$Na_2SiO.5H_2O$ (29.2% Na_2O. 28.7% SiO_2. M.P. 71.8°C) and anhydrous Na_2SiO_3. (51.7 Na_2O, 46.2/ SiO_2. M.P. 1088°C). Anhydrous white in color; hydrates are white granular or cryst. Hydrates very sol. in water; anhydrous slowly sol. in water. Uses—as a cleansing agent; as a detergent in kier boiling of cotton goods, de-inking paper, in laundries.

●Pkg—100 lb. bags, 125, 300, 325, 350, 400 lb. bbls., drums.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co of Cal, 1269 66 St, Emeryville 8, Cal
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
L J & M La Place, Lellarts Lane, E Paterson, N J
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*L Carlton Mertz Co, 1638 S Normal Ave, Chicago 16, Ill
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Philadelphia Quartz Co of Cal, 6 & Grayson Sts, Berkeley 10, Cal
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Joseph Turner & Co, Ridgefield, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM o-SILICATE

Na_4SiO. White, free-flowing granules. Sol. water. Uses—detergent in metal cleaning.

●Pkg—100, 300, 325, 500 lb. drums, 275 lb. bbls.

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Cowles Chem Co, 7016 Euclid Ave, Cleveland 3, Ohio
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Schoile Chem Corp, 6641 Ridge Ave, Chicago 26, Ill
Joseph Turner & Co, Ridgefield, N J
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

SODIUM SILICOFLUORIDE (Salufer, Sodium Fluosilicate)

Na_2SiF_6. White, odorless, amorp. powd. Sp. gr. 2.755. Decomp. at red heat. Very sl. sol. cold water. Uses—mfr. ceramic glazes, glass (opal), artificial marble; as ingredient of insecticides; rodent and insect destroyers; laundry scouring agent; in medicine. Poisonous. Grades—tech.; C.P.

●Pkg—50, 100 lb. bags, 125, 425 lb. bbls., 200 lb. drums.

*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Blockson Chem Co, Joliet, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y 38
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
Henry Sundheimer Co, 103 Park Ave, N Y 17
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Phosphoric Products Div, P O Box 3269, Tampa 1, Fla
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM STANNATE

$Na_2Sn(OH)_6$ or $Na_2SnO_3.3H_2O$. White to tan cryst. which absorb CO_2 from air. Sol. water. Decomp. by acids. Uses—electroplating and immersion plating of tin and tin alloys; fireproofing. Grades—tech., C.P.

●Pkg—100, 350 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L J & M La Place, Lellarts Lane, E Paterson, N J
McKesson & Robbins, 155 E 44 St, N Y
*Metal & Thermit Corp, 100 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I

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*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SODIUM STEARATE

$NaC_{18}H_{35}O_2$. White, amorp. powd., fatty odor, soapy feel. Sol. hot water, and hot alcohol. Uses—waterproofing agent; in medicine. Grades—tech.

● Pkg—150 lb. drums, 200 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Joseph Turner & Co, Ridgefield, N J
*Witco Chem Co, 260 Madison Ave, N Y 16

SODIUM SUBSULFITE see Sodium Hyposulfite

SODIUM SULFADIAZINE (Sodium 2-Sulfanilamidopyrimidine)

M.W. 272.27. White crystalline powd., very sol. in water, sol. in alcohol; pH of 10% solution, 9.3 to 9.8. May be assayed by diazotization. Aqueous solution absorbs carbon dioxide from air with precipitation of sulfadiazine. Uses—same as sulfadiazine. Is injected intravenously to give immediate high blood levels of the drug in emergency cases.

● Pkg—Custom packed.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y

SODIUM 2-SULFANILAMIDOPYRIMIDINE see Sodium Sulfadiazine

SODIUM SULFAPYRIDINE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
*Calco Chem Div, Bound Brook, N J
Gane's Chem Works, 677 5 Ave, N Y 22
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Sterone Corp, 250 W 57 St, N Y 19

SODIUM SULFATE (Salt Cake)

Intermediate product in mfr. of sodium sulfate, containing Na_2SO_4 (principally), $NaHSO_4$. $CaSO_4$. $Fe_3(SO_4)_2$. $MgSO_4$. SiO_2 and NaCl. As anhydrous sodium sulfate Na_2SO_4. White, solid crystalline. Sp. gr. 2.671 (20°C). M.P. 884°C. Sol. water. Uses—mfr. water glass, plate and window glass, sodium salts, ceramic glazes, ultramarine, paper pulp, soap, freezing mixtures, detergent compositions; diluting dyestuffs. Grades—glassmakers' (free from iron); tech.

● Pkg—100, 200 lb. bags, 100, 350 lb. drums, 500, 550 lb. bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 122 E 42 St, N Y 17
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Bay Chem Co Div, 120 S LaSalle St, Chicago 3, Ill
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Browning Chem Corp, 150 Broadway, N Y
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Cornwell Chem Corp, 24 E 38 St, N Y
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
*Ethyl Corp, 100 Park Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
Industrial Sales Corp, 500 5 Ave, N Y 36
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
J U Starkweather Co, 241 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tolley Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Chem Corp, 350 5 Ave, N Y 1
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

SODIUM SULFATE, CRYSTALS (Glauber's Salt)

a. Na_2SO_4. b. $Na_2SO_4.7H_2O$. c. $Na_2SO_4.10H_2O$. White cryst. or anhydrous white powd. Sp. gr. a. 2.671 (20° C). b. 1.492. c. 1.462. M.P. a. 884°C. b. 32.38°C. c. 32.38°C. Sol. water. Uses—mfr. sodium salts, sodium carbonate, washing sodas, paper pulp, ultramarine, mineral and lake colors, Prussian blue, printing inks, soaps, mineral waters, turkey red oil, freezing mixtures in refrigeration; as drying agent (anhydrous form); assist in dyeing and printing textiles; mordant in dyeing cotton; bleaching fabrics; tanning leather; diluting dyes; laboratory reagent; veterinary drug; in medicine. Grades—tech.; C.P.; U.S.P.; needle cryst.

● Pkg—100, 200 lb. bags, 100, 350 lb. drums, 500, 550 lb. bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*General Chem Div, 40 Rector St, N Y 6
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Natural Products Refining Co, 902 Garfield Ave, Jersey City 5, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

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√ Barium Sulfide
√ Ammonium Sulfide
√ Barium Carbonate
√ Barium Chloride

√ Monochlorobenzene
√ Paradichlorobenzene
√ Orthodichlorobenzene

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*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
Philip A Hunt Co, Palisades Park, N J
E & F King & Co, 640 Pleasant St, Norwood, Mass
A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Merchants Chem Co, 60 E 42 St, N Y 17
L B Russell Chem, 60 Orange St, Bloomfield, N J
*Schuylkill Chem Co, 2346 Sedgley Ave, Phila 32, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
George F Smith, 60 E 42 St, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM SULFATHIAZOLE

$C_9H_8N_3O_2S_2Na$. M.W. 277. White to faintly yellowish-white powd. or granules. Affected by light. Uses—pharmaceutical.
● Pkg—25, 100 lb. drums.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Desmo Chem Corp, 607 5 Ave, N Y 17
Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 & 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

SODIUM SULFHYDRATE see Sodium Hydrosulfide

(See Also Ad on This Page)

SODIUM SULFIDE (Sodium Sulfuret)

a. Na_2S. b. $Na_2S.9H_2O$. Clear, colorless, deliq. cryst. Sp. gr. 1.856. Infusible. Sol. water; sl. sol. alcohol. Uses—mfr. sulfur dyes, intermediates, organic chemicals, paper pulp, glazed kid, insecticidal compositions, sheep dips; depilatory agent in preparing hides; denitrating rayon; ingredient of dye liquor in dyeing textiles; as solvent; cleaning fabrics; calico printing; sulfiding oxidized lead and copper ores preparatory to flotation; laboratory and photographic reagent; solvent for gold in metallurgy of gold ores; oxidizing metals and electroplating reagent; engraving and lithography. Grades—60% fused and broken; 30% cryst.; reagent.
● Pkg—90, 320, 350, 400, 600, 625 lb. drums.

Allied Raw Materials Co, 38 Park Row, N Y 38
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
Chemical Mfg Co, 444 Madison Ave, N Y 22
*Chemical Products Corp, Cartersville, Ga
John A Chew, 60 E 42 St, N Y 17
*Chicago Copper & Chem Co, Blue Island, Ill
C B Coburn Co, 63 Market St, Lowell, Mass
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Merichem Co, 3101 Fannin St, Houston 4, Tex
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Sterone Corp, 250 W 57 St, N Y 19
George Uhe Co, 76 9 Ave, N Y 11
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*Westvaco Chem Div, 161 E 42 St, N Y 17
George J Wiesner Co, 150 Nassau St, N Y 38
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SODIUM SULFITE

a. Na_2SO_3. b. $Na_2SO_3.7H_2O$. Colorless efflorescent cryst. Sp. gr. a. 2.6334. b. 1.561. M.P. a. 150°C. b. loses water at 150°C. Decomp. on further heating. Uses—mfr. sulfide cellulose, sodium thiosulfate, dyestuffs, intermediates, organic chemicals; bleaching delicate textiles; general chemical reducing agent; general preservative; antichlor to remove chlorine from textiles, paper, etc.; photographic developer; preserving sugar syrups, foods, meats; treating rubber latex; sterilizing beer bags; silvering glass mirrors; photographic dry powd.; C.P.; U.S.P.
● Pkg—100, 200 lb. bags, 235, 450 lb. bbls., 100, 375, 400 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
*J M Baird & Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
C B Coburn Co, 63 Market St, Lowell, Mass
Conray Products Co, 510 Ave of the Americas, N Y 11
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Philip A Hunt Co, Palisades Park, N J
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa

*Company classifies itself as manufacturer or producer of this product
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Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
L B Russell Chem, 60 Orange St, Bloomfield, N J
Scher Bros, 519 Getty Ave, Clifton, N J
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George J Wiesner Co, 150 Nassau St, N Y 38

SODIUM SULFOCARBOLATE see Sodium Phenol Sulfonate

SODIUM SULFOCYANATE see Sodium Sulfocyanide

SODIUM SULFOCYANIDE (Sodium Thiocyanate, Sodium Sulfocyanate, Sodium Rhodanate, Sodium Rhodanide)

NaSCN. M.W. 81.07. Colorless or white amorp. powd. or heavy, deliq. cryst. M.P. 562.3°C. Sol. water, alcohol. Uses—dyeing and printing textiles; laboratory reagent; eletroplating reagent; toxic insect spray; in medicine; in match-head compositions. Grades—tech. cryst. or dried; pure; C.P.
● Pkg—100 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Merck & Co, Rahway, N J
Seaboard Industries, 195 Keen St, Paterson, N J

SODIUM SULFONATES, see ad on this page and Individual Listings

SODIUM SULFOXYLATE FORMALDEHYDE

$NaHSO_2.CH_2O.2H_2O$. M.W. 154.1. White pellets sol. in warm water. Decomp. slowly in warm moist air. Uses—reduction of vat dyes for textiles. Bleaching agent for sugar, molasses, wood pulp, glue and soap; in chemical synthesis.
● Pkg—250, 400 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Clifford Chem Div, 170 Broadway, N Y 38
De Bear Inc, 636 11 Ave, N Y 36
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Fine Organics, 211 E 19 St, N Y 3
Mutchler Chem Co, 258-259 Broadway, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Shepard Chem Corp, 117 Liberty St, N Y 6
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Stanalchem, Inc, 350 Madison Ave, N Y 17
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

SODIUM SULFURET see Sodium Sulfide

SODIUM SUPEROXIDE see Sodium Peroxide

SODIUM TETRABORATE see Sodium Borate

SODIUM TETRABORATE PENTAHYDRATE
$(Na_2B_4O_7.5H_2O)$

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

SODIUM 2,4,5,6,-TETRACHLORO-PHENATE

C_6HCl_4ONa. M.W. 253.6. Light-tan to nearly white solid with sl. characteristic odor. Sol. water, alcohol, acetone; insol. most other organic solvents. Uses—as a fungicide for control of molds and fungi on wood products. Grades—chips.
● Pkg—50 lb. bags.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Dow Chem Co, Midland, Mich

SODIUM TETRA IODO-PHENOLPHTHALEIN

● Pkg—Bottles.
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*National Aniline Div, 40 Rector St, N Y 6

KOPPERS
SODIUM SULFITE
(Technical Anhydrous)
Na_2SO_3
● A free-flowing, anhydrous, water-soluble salt. Used as an oxygen-removal agent in boiler-feed water, as an antichlor in textile manufacture, as a bleaching agent in the semi-chemical pulping of wood and as a chemical intermediate.
KOPPERS COMPANY, INC.
Chemical Division
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In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

HOOKER®

SODIUM TETRASULFIDE

40% solution

HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

SODIUM TETRASULFIDE

Na_2S_4. M.W. 174. Clear, deep red water solution. Uses—soaking of hides and skins prior to unhairing, reduction of organic nitro bodies, insecticide and fungicide for fruit tree spray, ore flotation reagent, reduction of cyanide plating baths, mfr. of sulfur dyes.
● Pkg—700 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

SODIUM THIOCYANATE see Sodium Sulfocyanide

SODIUM THIOGLYCOLATE

● Pkg—Bottles, 6, 13 gal. carboys.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Evans Chemetics, 250 E 43 St, N Y 17
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill

SODIUM THIOSULFATE see Sodium Hyposulfite

SODIUM TITANATE

Na_2TiO_3. M.W. 118.9. Tan powd. M.P. 2824°F. Sol. HF and conc. H_2SO_4. Uses—welding arc stabilizer.
● Pkg—70 lb. bags, 450 lb. drums.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

SODIUM TOLUENESULFONATE

$C_7H_7SO_3Na$. M.W. 194.12. White to cream-colored powd. Sol. water. Uses—hydrotropic solvent.
● Pkg—Drums.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

SODIUM TRICHLOROACETATE (Trichloroacetic Acid, Sodium Salt)

Cl_3-C-COONa. M.W. 163.40. White powd. Uses—control of grasses by suppression or by killing.
● Pkg—4 x 10 lb. cans/case, 50, 100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Dow Chem Co, Midland, Mich
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Oldbury Electro-Chemical Co, 19 Rector St, N Y 6
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

SODIUM 2,4,5-TRICHLOROPHENATE

$Cl_3C_6H_2ONa.5H_2O$. M.W. 246.5. Buff to brown-colored flakes and fines. Sol. acetone, alcohol, water. Uses—preservative in animal glues and casein; as mold preventative.
● Pkg—40, 100, 250, 500 lb. drums.

*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I

SODIUM TRIPOLYPHOSPHATE

$Na_5P_3O_{10}$. M.W. 367.93. White, free-flowing powd. Sol. water. Uses—water softening detergent; possibilities as peptizing agent.
● Pkg—100 lb. bags, 125 lb. drums, 100, 300, 350, 400 lb. bbls., drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Blockson Chem Co, Joliet, Ill
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chemical Mfg Co, 444 Madison Ave, N Y 22
John A Chew, 60 E 42 St, N Y 17
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*General Chem Div, 40 Rector St, N Y 6
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Howe & French, 99 Broad St, Boston, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Opalco Lab, 20 E Pittsburgh Blvd, McKeesport, Pa
Riches-Nelson, 342 Madison Ave, N Y 17
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17

SODIUM TUNGSTATE (Sodium Wolframate)

$Na_2WO_4 + 2H_2O$. Colorless cryst. Sp. gr. 3.259. Loses water at 100°C. and melts at 698°C. Sol. water. Uses—mfr. other tungstates, phosphotungstates, boretungstates, tungstic acid, oxides; fire-proofing fabrics, etc.; laboratory reagent. Grades—cryst.; tech.; C.P.
● Pkg—100, 250 lb. drums.

*J T Baker Chem Co, Phillipsburg, N J
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Prior Chem Corp, 420 Lexington Ave, N Y 17
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa

SODIUM UNDECYLENATE

$C_{11}H_{19}O_2Na$. M.W. 206. White powd. Sol. water, alcohol. Uses—medicinal.
● Pkg—1, 5 lb. bottles, 25, 100 lb. drums, 50 lb. bags.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*City Chem Corp, 132 W 22 St, N Y 11
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Toelle Chem Co, R D 1, Box 75, Newton, N J

BLOCKSON

manufacturers of

Sodium Tripolyphosphate
Tetrasodium Pyrophosphate
Sodium Polyphos
Sodium Hexametaphosphate
Sodium Tetraphosphate
Trisodium Phosphate
Chlorinated Trisodium Phosphate
Disodium Phosphate
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Sodium Acid Pyrophosphate
Sodium Fluoride
Sodium Silicofluoride
Sulfuric Acid
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Above materials produced in various grades to meet your most exacting requirements. Send your specifications.

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*Company classifies itself as manufacturer or producer of this product
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SODIUM URANATE

N_2UO_4. Uses—mfr. yellow-green fluorescent glass, porcelain painting, enameling.

J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11

SODIUM o-VANADATE

City Chem Corp, 132 W 22 St, N Y 11
*Chemical Commerce, 166 Clifford St, Newark 5, N J

SODIUM WOLFRAMATE see Sodium Tungstate

SODIUM XYLENESULFONATE

$C_8H_9SO_3Na$. M.W. 208.13. White to cream-colored powd. Sol. water. Uses—hydrotropic solvent.
● Pkg—Drums.

*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Wyandotte Chem Corp, Wyandotte, Mich

SODIUM ZINC URANYL ACETATE

● Pkg—1, 4 oz. bottles.

*City Chem Corp, 132 W 22 St, N Y 11
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col

SODIUM ZIRCONYL SULFATE

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

SOFTENERS, LEATHER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Atlas Powder Co, Wilmington 99, Del
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

SOFTENERS, NITROCELLULOSE

*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Howe & French, 99 Broad St, Boston, Mass
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Jacques Wolf & Co, Passaic, N J

SOFTENERS, PAPER

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co. Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J



NAXONATE . . . A Wyandotte Hydrotrope

Sodium Xylenesulfonate, marketed under the name of Wyandotte Naxonate, has the unusual property of increasing the solubility of a great variety of organic chemicals in water. Naxonate is useful for attaining and maintaining the homogeneity of scouring and sizing compositions, printing pastes and spotting agents. It is finding application in solvent extractions and in speeding up chemical reactions in aqueous solutions.

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WYANDOTTE CHEMICALS CORPORATION
WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES

Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives
DDT • BHC Other Organic and Inorganic Chemicals

SOFTENERS, RUBBER

Compounds usually produced from coal-tar hydrocarbons, mineral black oil, coal-tar resins, mixtures of mineral and vegetable oils, petroleum derivatives, turpentine or derivatives, asphaltic products, natural hard bitumen, resins from rosin, etc. Not all compounds possess all the following properties: lubrication, reduction of power consumed in milling operations, improvement of the curing rate, increased dispersion of pigments, improvement of aging qualities, greater smoothness of finish.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*L Sonneborn Sons, 300 4 Ave, N Y 10
Sun Oil Co, 1608 Walnut St, Phila 3, Pa
R T Vanderbilt Co, 230 Park Ave, N Y
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

SOFTENERS, STENCIL

Preps. which clean stencils, remove the brittleness, and restore the necessary softness so that the proper impressions may be made, clean and with the proper sharpness.

*Concord Chem Co, 80 E 2 St, Moorestown, N J
*M Michel & Co, 90 Broad St, N Y 4

Westvaco® CHEMICALS
TRADE MARK

SODIUM TRIPOLYPHOSPHATE (STPP)
ACID SODIUM PYROPHOSPHATE (ASPP)
Grades: Food, Special, Doughnut and Technical
DISODIUM PHOSPHATE (DSP)
Anhydrous—Commercial Grade • Crystals—Food Grade
MONOSODIUM PHOSPHATE—Anhydrous (MSP)
TETRASODIUM PYROPHOSHATE (TSPP)
Anhydrous & Crystals
DIPOTASSIUM PHOSHATE (DKP)
MONOPOTASSIUM PHOSPHATE—Anhydrous (MKP)
TETRAPOTASSIUM PYROPHOSPHATE—Anhydrous (TKPP)
TRIPOTASSIUM PHOSPHATE (TKP)
SODIUM HEXAMETAPHOSPHATE (SHMP)
PHOSPHORIC ACID—75 & 85%
TRISODIUM PHOSPHATE—Anhydrous (TSP)
CHLORINATED PHOSPHATE
POTASSIUM TRIPOLYPHOSPHATE (KTPP)
POTASSIUM PHOSPHATE LIQUOR

SEE BACK COVER FOR LIST OF WESTVACO CHEMICALS

WESTVACO CHEMICAL DIVISION
FMC
FOOD MACHINERY AND CHEMICAL CORPORATION

General Offices: 161 East 42nd St., New York • Chicago • Cincinnati • St. Louis • Los Angeles • Newark, Calif. • Charlotte
Denver • Vancouver • Philadelphia • Pittsburgh

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SOFTENERS, TEXTILE

Compounds which impart a softness of handle or feel to finished textiles. Previously, oils, such as castor and olive were used and still are to some extent, but in recent years many compounds and chemicals of a complex nature have been introduced. Many softeners are prepared by condensing oleic and stearic acids with ethylene diamine and its alkyl derivatives. o-Phenylene diamine can be substituted for ethylene diamine. Another class includes the thioethers made by reacting saturated or unsaturated monomeric aliphatic compounds or hydroaromatic compounds which contain a mercapto group, with 1:2-propylene oxides, which are substituted in the methyl group by a halogen, or hydroxy, or a mercapto radical.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Calco Chem Div, Bound Brook, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Concord Chem Co, 80 E Second St, Moorestown, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Reined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Standard Soap Co of Camden, 205 S 2 St, Camden 3, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J

SOFTENERS, WATER

Substances used to remove sol. compounds of lime and magnesia present in natural waters and which form scale and sludge when used in boilers. Soft water is also essential in numerous industrial operations for the sol. lime and magnesium salts react with other chemicals employed to form undesirable compounds which interfere adversely with operations and processes. The four outstanding processes used for softening water are: distillation, the cold lime-soda process, the hot lime-soda process, and the zeolite process. See also Water Purification Compounds: Zeolites.

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*Emkay Chem Co, 319 2 St, Elizabeth, N J
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Geigy Co, 89-91 Barclay St, N Y 8
Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Oakite Products, 19 Rector St, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rumford Chem Works, 9 Newman Ave, Rumford 16, R I
*Scher Bros, 519 Getty Ave, Clifton, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Solvay Process Div, 61 Broadway, N Y 6
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17

SOIL CONDITIONERS

*J M Baird Co, 254 W 31 St, N Y 1
*Premier Peat Moss Corp, 535 5 Ave, N Y 17

SOLDERING FLUIDS

Solder in liq. form used for sheet metal work and for bonding or joining together copper, brass, zinc, lead, tin, galvanized metals, etc.

*Geo Callahan & Co, Closter, N J
*Damon Chem Co, Box 774, Alliance, Ohio
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Howe & French, 99 Broad St, Boston, Mass
*Industrial Service Labs Div, 710 W National Ave, Milwaukee 4, Wis
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*L J & M La Place, Lellarts Lane, E Paterson, N J
*Lox Mfg Co, 3310 E 31 St, Kansas City 3, Mo
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Ruby Chem Co, 68-70 McDowell St, Columbus 8, Ohio

SOLDERS, ACID CORE

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6
*Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash
*Ruby Chem Co, 68-70 McDowell St, Columbus 8, Ohio

SOLDERS, ALUMINUM

Usually alloys of from 50-85% tin, 15-50% zinc and aluminum. Higher melting alloys contain from 73-87% tin, 8-15% zinc, and 5-12% aluminum. Certain alloys contain copper instead of tin, still others have copper and lead as well as zinc, tin and aluminum. A few have a silver content. A representative alloy contains tin, 55%; zinc, 33%; copper, 1%; aluminum, 11%.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*National Lead Co, 111 Broadway, N Y 6

SOLDERS, BRASS

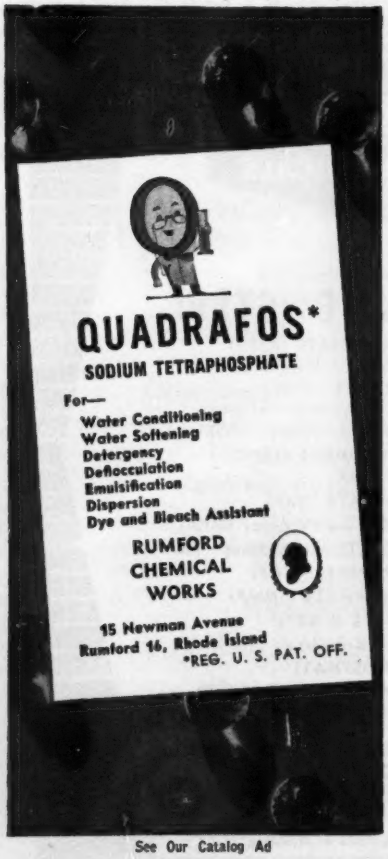
For soft soldering, a tin-lead solder; for hard soldering, a copper-zinc alloy, poorer in copper than the pieces to be soldered. A representative brass solder contains 66% zinc and 33% copper.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y

SOLDERS, BRAZING

Alloys of from 35-45% copper, 45-57% zinc, and 8-10% nickel.

*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y



See Our Catalog Ad



*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SOLDERS, PASTE

A fusing metal or alloy specially prepared in paste form and used to unite adjacent surfaces of less fusible metals and alloys.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Lead Co, 111 Broadway, N Y 6

SOLDERS, PASTE CORE

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal

SOLDERS, PRECIOUS METALS

Specially prepared preps. for intimately joining gold, silver, platinum, etc.

*American Platinum Works, 231 New Jersey R R Ave, Newark 5, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Indium Corp of America, 1676 Lincoln Ave, Utica, N Y

SOLDERS, ROSIN CORE

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
*National Lead Co, 111 Broadway, N Y 6
*Ruby Chem Co, 68-70 McDowell St, Columbus 8, Ohio

SOLUBILIZERS

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*M Michel & Co, 90 Broad St, N Y 4
*L Sonneborn Sons, 300 4 Ave, N Y 10

SOLUBLE GLASS see Sodium Silicate

SOLUBLE GUN COTTON see Pyroxylin Solutions

SOLUBLE TARTAR see Potassium Tartrate

SOLUTIONS, ELECTRO POLISHING

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

SOLUTIONS, SPECIAL VOLUMETRIC

Amend Drug & Chem Co, 117 E 24 St, N Y 17
*E F Drew & Co, 416 Division St, Boonton, N J
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Southwestern Analytical Chem, 1107 W Gibson St, Austin 4, Tex

SOLVENT CLARIFIERS, DRY-CLEANING

Products to treat the spent solvents employed by dry-cleaners, removing impurities, coloring matter, odors, suspended or colloidal matter, etc., and restoring the solvents to their original condition so that they can be re-used.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
*Johns-Manville, 22 E 40 St, N Y 16
Merchants Chem Co, 60 E 42 St, N Y 17
L A Salomon & Bro, 216 Pearl St, N Y 38
*Westvaco Chem Div, 161 E 42 St, N Y 17

SOLVENTS, CELLULOSE ACETATE

Products exhibiting special solvent powers on cellulose acetate.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Westvaco Chem Div, 161 E 42 St, N Y 17

SOLVENTS, CHLORINATED

Generally, non-flammable, liq., chlorinated derivatives of the lower saturated and unsaturated paraffins. They are excellent solvents for a very wide and heterogeneous number of organicals—gums, esters, alkaloids, halogenated compounds, etc. See also: Methylene Chloride, Chloroform, Trichlorethylene, Tetrachlorethylene (Perchlorethylene), Tetrachlorethane, Pentachlorethane.

American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Curran Corp, S Canal St, Lawrence, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Kinetic Chem Div, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
William S Gray & Co, 342 Madison Ave, N Y 17
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Lellarts Lane, E Paterson, N J
Merchants Chem Co, 60 E 42 St, N Y 17
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

Peerless

Petroleum, Coaltar Chemical Solvents
Perchlorethylene
Trichlorethylene
Carbon Tetrachloride
Safety Solvents

New York New England and Export
Drumming Packaging
Liquid Storage and Transport

Peerless Oil & Chemical Corp.
Long Island City, 1, N. Y.
Tel. STillwell 4-8960
"A Carey Bros. Industry"



MIXED CHLORINATED SOLVENTS
(Chlorinated aliphatic and aromatic hydrocarbons, chlorinated ethers)
SOLVENT C96 • SOLVENT C110 • SOLVENT C160
BETACHLOR • SOLVENT R

Samples and data available upon request

Wyandotte
REG. U. S. PAT. OFF.

WYANDOTTE CHEMICALS CORPORATION
WYANDOTTE, MICHIGAN • OFFICES IN PRINCIPAL CITIES
Soda Ash • Caustic Soda • Bicarbonate of Soda • Calcium Chloride
Calcium Carbonate • Chlorine • Hydrogen • Dry Ice • Synthetic Detergents • Glycols • Carbose (Sodium CMC) • Ethylene Dichloride • Propylene Dichloride • Aromatic Sulfonic Acid Derivatives
DDT • BHC Other Organic and Inorganic Chemicals

DU PONT
REG. U.S. PAT. OFF.

CHLORINATED SOLVENTS
Nonflammable; powerful, rapid-penetrating solvents for fats, waxes, oils, and similar organic materials.
Methylene Chloride
Chloroform (Technical Grade)
Trichlorethylene
Perchlorethylene

E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON - DELAWARE

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

KOPPERS

C-4 AROMATIC SOLVENT

● Koppers C-4 Solvent is a clear, liquid, alkylated aromatic hydrocarbon having a boiling range of 160-185° C., and the thermal stability and solvent power of analogous aromatic hydrocarbons. It is suggested for use as a medium-high boiling aromatic solvent for coating compositions and also for processing purposes.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.

DOE & INGALLS
INCORPORATED
CHEMICALS — — SOLVENTS

SERVICE FEATURES
Carloads, Less Carload, Open-Package Stock, Trial Lots, Factory Shipments, Warehouse Stock, Consulting Service

EVERETT STATION BOSTON, MASS.

U·S·S Coal Tar Solvents

Benzol Toluol Xylol
Solvent Naphtha
Tank-car quantities

UNITED STATES STEEL CORPORATION
525 WILLIAM PENN PLACE, PITTSBURGH 30, PA.

COAL CHEMICALS

UNITED STATES STEEL

NEVILLE

COAL-TAR SOLVENTS

2-50-W Hi-Flash Solvent
Wire Enamel Thinners
Crude and Special Solvents

Benzol
Toluol
Xylol

THE NEVILLE COMPANY
PITTSBURGH 25, PA.

SOLVENTS, COAL-TAR

Coal-tar solvents are generally aromatic hydrocarbons of the benzene series, but other compounds obtained from coal-tar, as those of the phenol series and nitrogen bases, such as pyridine, have special solvent properties that make them useful for a wide variety of purposes. Ordinarily the constituent compounds are those contained in coal-tar light oil obtained both from scrubbing coal gas or by the distillation of coal-tar produced by the high temp. carbonization of bituminous coal. They are supplied to meet required specifications as to boiling range, color, flash point, etc. See also Naphthas, Benzol, Toluol, Xylol, etc.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
Chemical Service Corp, 82 Beaver St, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
William S Gray & Co, 342 Madison Ave, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
Kingston Chem Co, 15 William St, N Y 5
*Koppers Co, Chem Div, Pittsburgh 19, Pa
L J & M La Place, Lellarts Lane, E Paterson, N J
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Tobey Chem Co, 1472 Broadway, N Y 36
*United States Steel Corp, 525 Wm Penn Pl, Pittsburgh 30, Pa

U.S.I. SOLVENTS AND CHEMICALS

ALCOHOLS
ACETIC ESTERS
ACIDS
ALDEHYDES
COLLODIONS
ETHERS
INTERMEDIATES
KETONES
NITROCELLULOSE SOLUTIONS
OXALIC ESTERS
PHTHALIC ESTERS
ETHYLENE
FEED CONCENTRATES
IPC & CIPC WEED CHEMICALS
METALLIC SODIUM
METHIONINE

See U.S.I. Catalog, pp. 85-92

U. S. INDUSTRIAL CHEMICALS Co.
Division of National Distillers Products Corporation
Baltimore; Boston; Buffalo; Chicago; Cincinnati; Cleveland; Denver; Detroit; Kansas City, Mo.; Los Angeles; Louisville; Minneapolis; New Orleans; New York; Philadelphia; Pittsburgh; San Francisco; St. Louis

See Our Catalog Ad

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SOLVENTS, COSMETIC

*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dodge & Olcott, 180 Varick St, N Y 14
*Dow Chem Co, Midland, Mich
Eastman Chem Products, Kingsport, Tenn
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
William S Gray & Co, 342 Madison Ave, N Y 17
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
L J & M La Place, Lellarts Lane, E Paterson, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Shell Chem Corp, 50 W 50 St, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Van Dyk & Co, Main & William Sts, Belleville 9, N J

SOLVENTS, CRUDE

Wide variety of organic solvents in crude form.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Dow Chem Co, Midland, Mich
William S Gray & Co, 342 Madison Ave, N Y 17
*Hutchman Co, P O Box 386, Lakeland, Fla
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

SOLVENTS, DRUG EXTRACTING

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
Merchants Chem Co, 60 E 42 St, N Y 17
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

SOLVENTS, DRY-CLEANING

Products used to extract dirt, grease, grime, certain stains, etc., from articles in dry-cleaning establishments. Various types are employed, including coal-tar solvents, the chlorinated solvents, petroleum solvents (particularly Stoddard Solvent) proprietary compounds, etc. General considerations include solvent power, rate of penetration, ease of separation from extracted matter, adaptability to dry-cleaning equipment, economical recovery, stability, toxicity, and flammability. See also Naphtha, Benzol, Carbon Tetrachloride, Trichlorethylene, Stoddard Solvent, etc.

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa

SOLVENTS

ALCOHOLS

Methanol
Ethanol
Isopropanol
Normal Butanol
Isobutanol
Methyl Amyl Alcohol

KETONES

Acetone
Methyl Acetone
Methyl Ethyl Ketone
Methyl Isobutyl Ketone
Diacetone
Diisobutyl Ketone
Isophorone

ESTERS

Ethyl Acetate
Methyl Amyl Acetate
Isopropyl Acetate
Normal Butyl Acetate

PLASTICIZERS

Dimethyl Phthalate
Diethyl Phthalate
Tricresyl Phosphate
Dibutyl Phosphate
Dioctyl Phthalate

AROMATIC SOLVENTS

Benzol Toluol Xylol
Super Hi Flash Naphtha
"Amsco Solvs"

ALIPHATIC NAPHTHAS

Petroleum Ethers
Hexane, Heptane
Lacquer Diluent
V M & P Naphtha
Mineral Spirits
Odorless Solvents
Special Fractions

CHLORINATED SOLVENTS

Ethylene Dichloride
Propylene Dichloride
Methylene Chloride
Carbon Tetrachloride
Trichlorethylene
Perchlorethylene

TANK CARS • TANK WAGONS • DRUMS

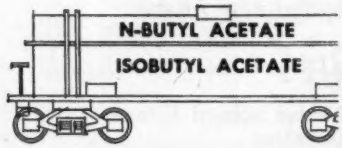
THE CP CHEMICAL SOLVENTS INCORPORATED

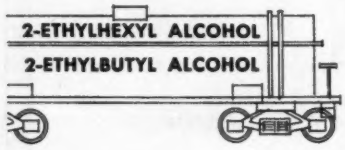
60 PARK PLACE • NEWARK 2, N. J.
WOrth 2-7763 • MArket 2-3650

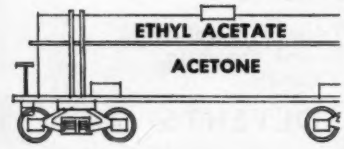
*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

Eastman

solvents









These products are stored in bulk at Kingsport, Tennessee and Lodi, New Jersey by Tennessee Eastman Company and in Chicago, Illinois and St. Louis, Missouri by DeMert & Dougherty, Incorporated.

Available in drums and in compartmented or full tank cars.

Sales offices in principal cities; see ad Catalog Section.

Eastman
CHEMICAL PRODUCTS, INC.
KINGSPORT, TENNESSEE

See Our Catalog Ad

SOLVENTS, DRY-CLEANING, continued

William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
H Kohnstamm & Co, 89-93 Park Pl, N Y 7
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Penetone Co, Tenafly, N J
*Phillips Petroleum Co, Special Products Div, Bartesville, Okla
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Virginia-Carolina Chem Corp, 401 E Main St, Richmond
Washine-National-Sands, 37-02 Northern Blvd, L I C 1,
*Westvaco Chem Div, 161 E 42 St, N Y 17

SOLVENTS, DYE

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
William S Gray & Co, 342 Madison Ave, N Y 17
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Scher Bros, 519 Getty Ave, Clifton, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Wyandotte Chem Corp, Wyandotte, Mich

SOLVENTS, ENAMEL

*American Mineral Spirits Co, 155 E 45 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*George Senn, Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex

SOLVENTS, ETHYL CELLULOSE

Ethylcellulose films of max. tensile strength and elongation are obtained from alcohol-hydrocarbon solvents formulated in such a way that the last solvent to evaporate from the film consists almost entirely of hydrocarbon. If the evaporation rates of the alcohol and of the hydrocarbon are approx. equal, the solvent mixture producing the lowest viscosity also produces the best films. The hydrocarbons that can be used alone with alcohols are aromatic hydrocarbons, hydrogenated naphthas, or high solvency naphthas. Naphthas from paraffin crudes give the best results when used with a small proportion of aromatic hydrocarbon. Solvents consisting of hydrocarbons and aliphatic ketones or esters have higher viscosities than those produced by the use of alcohols, but large amounts of ketones or esters can be used without lowering the film properties. Kauppi and Bast, Industrial & Engineering Chemistry, Vol. 30. No. 1, p. 74.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del

DU PONT
REG. U. S. PAT. OFF.

SOLVENTS

REFRIGERANTS

CYANIDES PEROXIDES

CERAMIC and GLASS DECORATIONS

PLATING CHEMICALS

POLYVINYL ALCOHOL

POLYVINYL ACETATE

FORMALDEHYDE

PARAFORMALDEHYDE

E. I. DU PONT DE NEMOURS & CO. (INC.)
ELECTROCHEMICALS DEPARTMENT
WILMINGTON 98 DELAWARE

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

SOLVENTS, FATS AND OILS

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Shell Chem Corp, 50 W 50 St, N Y 20
Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Wyandotte Chem Corp, Wyandotte, Mich

SOLVENTS, HIGH FLASH

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Fine Organics, 211 E 19 St, N Y 3
William S Gray & Co, 342 Madison Ave, N Y 17
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, NY
*Penetone Co, Tenafly, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
Republic Chem Corp, 94 Beekman St, N Y 38
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

SOLVENTS, INK

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Barrett Div, 40 Rector St, N Y 6
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Capitol Printing Ink Co, 806 Channing Pl, NE, Washington 18, D C
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
William S Gray & Co, 342 Madison Ave, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*H Kohnstamm & Co, 89-93 Park Pl, N Y 7
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Wyandotte Chem Corp, Wyandotte, Mich

SOLVENTS, LACQUER

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J

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Isopropyl Ether
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Methyl Ethyl Ketone
Methyl Isobutyl Carbinol
Methyl Isobutyl Ketone
Neosol®—a proprietary solvent
Neosol-A—a proprietary solvent
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In Canada: Chemical Division, Shell Oil Company of Canada, Limited • Toronto • Montreal • Vancouver

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Celanese* CHEMICALS

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ISOBUTANOL
n-BUTANOL
ACETONE
CELANESE SOLVENT 601
n-PROPYL ACETATE
n-BUTYL ACETATE
SPECIAL SOLVENTS (ALCOHOLS)

See Celanese Catalog in Catalog Section

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SOLVENTS, LACQUER, continued

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
*L J & M La Place, Leliarts Lane, E Paterson, N J
*LLC Chemicals, 8512 Hays St, Culver City, Cal
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
*Potter Paint Co, 21 Crawford St, Cortland, N Y
*Publicker Industries, 1429 Walnut St, Phila, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
Sessions-Gifford Co, 255 Allens Ave, Providence, R I
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex
United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

LACQUER SOLVENTS

KETONES

Acetone
Diacetone Alcohol
Mesityl Oxide
Methyl Ethyl Ketone
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Ethyl Alcohol
Isopropyl Alcohol
Methyl Isobutyl Carbinol
Neosol®—a proprietary solvent
Neosol-A—a proprietary solvent
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BOSTON, MASS.
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*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SOLVENTS, METAL DEGREASING

Various coal-tar and petroleum solvents have long been used by the manufacturers of small metal parts for degreasing before finishing. Within the past few years vapor-phase degreasing has been introduced in larger units, requiring solvents with low-boiling points, low fire and health hazards. Most often used are low-boiling chlorinated solvents, such as trichlorethylene, ethylene dichloride, carbon tetrachloride, or mixtures of these of other products.

*Afta Solvents Corp, 470-484 W 128 St, N Y 27
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Barco Chem Products Co, 701-3 S LaSalle St, Chicago, Ill
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
*Damon Chem Co, Box 774, Alliance, Ohio
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Kinetic Chem Div, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
*Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
*Fidelity Chem Products Corp, 470 Freilinghuysen Ave, Newark 5, N J
*Fine Organics, 211 E 19 St, N Y 3
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*R M Hollingshead Corp, 840 Cooper St, Camden, N J
*Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 17
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Kiem Chem, 14401 Lanson, Dearborn, Mich
L J & M La Place, Lellarts Lane, E Paterson, N J
*Magnuson Products Corp, 50 Court St, Bklyn 2, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Oakite Products, 19 Rector St, N Y 6
*Pan American Chem Div, 122 E 42 St, N Y 17
*Park Chem Co, 8074 Military Ave, Detroit 4, Mich
*Peiron Corp, 7740 W 47 St, Lyons, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Reilly Tar & Chem Corp, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Solvay Process Div, 61 Broadway, N Y 6
Stoney-Mueller, Page & Newark Avas, Lyndhurst, N J
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Virginia Smelting Co, W Norfolk, Va
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Westvaco Chem Div, 161 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

SOLVENTS, NAPTHA

●Pkg—55 gal. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chematar Inc, 40 Exchange Pl, N Y 5
*Cities Service Petroleum, 60 Wall Tower, N Y 5

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PICCO Coal Tar Naphthas
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Coal Tar Heavy Naphthas
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For complete list of company products: See Catalog Section

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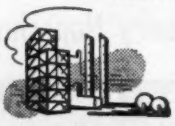
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Various Distillation Ranges

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PITTSBURGH 25, PA.

SOLVENTS, NAPHTHA, continued

*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
William S Gray & Co, 342 Madison Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
*Kendall Refining Co, Bradford, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

SOLVENTS, NITROCELLULOSE

American Mineral Spirits Co, 155 E 44 St, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Curran Corp, S Canal St, Lawrence, Mass
*DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
*Howe & French, 99 Broad St, Boston, Mass
Kingston Chem Co, 15 William St, N Y 5
L J & M La Place, Leliarts Lane, E Paterson, N J
*Lac Chemicals, 8512 Hays St, Culver City, Cal
*Lacquer Specialties, 249 Ave P, Newark 5, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Witco Chem Co, 260 Madison Ave, N Y 16

SOLVENTS, PAINT

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chemical Service Corp, 82 Beaver St, N Y 5
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Kolon Trading Co, 15 Park Row, N Y
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oakite Products, 19 Rector St, N Y 6
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SOLVENTS, PETROLEUM

Petroleum hydrocarbons derived by fractional distillation of crude petroleum are marketed with definite characteristics (usually distillation range as most important) for specific trade use. See Naphthas, Straight Run; Naphthas, Aromatic; Diluents, Lacquer; Solvents, Lacquers; Solvents, Rubber. See also Pentane, Hexane, Heptane, Petroleum Ether, Stoddard Solvent, etc.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Ansul Chem Co, 1 Stanton St, Marinette, Wis
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Celanese Corp of America, 180 Madison Ave, N Y 16
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Chemical Service Corp, 82 Beaver St, N Y 5
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dowell Inc, 524 Kennedy Bldg, Tulsa 1, Okla
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
William S Gray & Co, 342 Madison Ave, N Y 17
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Kendall Refining Co, Bradford, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
Petroleum By-Products & Chem Co, 15 Whitehall St. N Y 4
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Republic Chem Corp, 94 Beekman St, N Y 38
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
Tobey Chem Co, 1472 Broadway, N Y 36
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

SOLVENTS, REFRIGERANT

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
John A Chew, 60 E 42 St, N Y 17
*Dow Chem Co, Midland, Mich
*E I Du Pont De Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Virginia Smelting Co, W Norfolk, Va

SOLVENTS, RUBBER

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
William S Gray & Co, 342 Madison Ave, N Y 17
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Newport Industries, 230 Park Ave, N Y 17
Nitrogen Products, National Bank Bldg, New Brunswick, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Shell Chem Corp, 50 W 50 St, N Y 20
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

SOLVENTS, SHELLAC

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Eastman Chem Products, Kingsport, Tenn
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Howe & French, 99 Broad St, Boston, Mass
L J & M La Place, Leilarts Lane, E Paterson, N J
*Lac Chem, 8512 Hays St, Culver City, Cal
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Publicker Industries, 1429 Walnut St, Phila, Pa
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Schenley Distillers, 350 5 Ave, N Y 1
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

SOLVENTS, TERPENE

*Crosby Chem, P O Box 32, De Ridder, La
William S Gray & Co, 342 Madison Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hutchman Co, P O Box 386, Lakeland, Fla
*V & E Kohnstamm, Inc, 329 Canal St, N Y 13
*Newport Industries, 230 Park Ave, N Y 17

SOLVENTS, VARNISH

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Newport Industries, 230 Park Ave, N Y 17
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17

PETROLEUM SOLVENTS

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AMSCO HEXANE AND HEPTANE
Petroleum WAXES



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A series of highly refined terpene hydrocarbons: Solvenol*, Dipentene 122*, Turpentine, Alpha-Pinene



*Reg. U. S. Pat. Off.

GM51-1

HERCULES POWDER COMPANY
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Odorless Solvents

Light & Heavy
•
Aliphatic & Aromatic Petroleum Solvents
•
Odorless Base Oil
•
Petroleum Sulfonates
Lubricating Oil Additives
Olefins

SINCLAIR CHEMICALS, INC.

6 East 45th St., New York 17, N.Y.

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

SOLVENTS, VARNISH, continued

Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*George Sein Inc, 2200 E Westmoreland St, Phila 34, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill

SOOT ERADICATOR

*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Damon Chem Co, Box 774, Alliance, Ohio
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*King Chem Co, 31 New Haven R R St, Mt Vernon, N Y
*State Mfg Co, 3545 E 76 St, Cleveland 5, Ohio
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Wasco Engrg Corp, 601 W 26 St, N Y 1

SORBIDE (Dianhydro Sorbitol)

$C_6H_8O_2(OH)_2$. A non-toxic dihydric alcohol cyclic inner ether. Pure cryst. melts at 62°C. B.P. 176.5°C at 10 mm. Commercial grade is an 83% aqueous solution of pH=5, viscosity 150-130 cp. at 25°C. Hygroscopic. Sol. water, lower alcohols, ethylene glycol, cellosolve, pyridine; insol. most other solvents. Uses—conditioning agent of low viscosity and narrow humectant range; in medicine; derivatives mfr. Grades—commercial solution.

*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1

SORBITAN ESTERS

*Atlas Powder Co, Wilmington 99, Del

SORBITOL (d-Sorbite)

$C_6H_8(OH)_6$. Hexahydric alcohol, isomeric with mannitol. M.W. 182.1. White, odorless, crystalline powd., of sweet, cooling taste. M.P. 97.2°C. Sol. water, methyl alcohol, aliphatic amines, glacial acetic acid; insol. other organic solvents. Uses—sorbose and ascorbic acid synthesis; plastics; medicine; pharmacy; diabetic foods (sweetening); confectionery; soft drinks; emulsions; cosmetics; soaps; dentrifices; tobacco; water colors; inks; embalming fluids; textiles; leathers; shoe dressings; paper sizing; gaskets; cork binders; printers' rollers; bookbinding glues; vegetable adhesives; gelatin capsules; etc. Derivatives include emulsifiers, softeners, plasticizers, stiffeners and hardeners, etc. Grades—crystalline; tech. (75% aqueous solution for reagent and synthetic use); commercial (non-crystallizing 83% "syrup," for industrial usage).
● Pkg—Powder—150 lb. drums; Pellets—1, 12 gal., 200, 325 lb. drums.
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kolon Trading Co, 15 Park Row, N Y
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Scher Bros, 519 Getty Ave, Clifton, N J
Stanalchem, Inc, 350 Madison Ave, N Y 17
O J Weeks Co, 44 N Moore St, N Y 13

SORBITOL ESTERS (Sorbitan, Sorbides, etc.)

Derivatives of sorbitol, a hexahydric alcohol, and acids; includes true sorbitol esters, such as the hexaacetates, naphthenates, borates, and esters of the anhyde sorbitols, such as sorbitan monolaurate, sorbide monostearate. Products find use in mfr. plastics, resins and resinous materials (ester gums, etc.) for the paint, varnish, lacquer and paper coating industries, etc., cosmetics, pharmaceuticals, industrial emulsions, etc. See also Fatty Acid Esters.
*Atlas Powder Co, Wilmington 99, Del
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

SOURS, LAUNDRY

Compounds employed to neutralize the alkali which the water used for rinsing may contain. Good practice does not countenance the use of sours for neutralizing laundry sodas, soap, or bleach, except such traces as cannot be removed by thorough rinsing. Acetic and oxalic acids are used, but in recent years, specially compounded products, usually containing sodium silicofluoride, have been offered whose action is less harsh and more easily controlled.
*Aluminum Co of America, 1501 Alcoa Bldg, Pittsburgh 19, Pa
*Blockson Chem Co, Joliet, Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
E I du Pont de Nemours & Co, Grasselli Chem Dpt, Wilmington 98, Del
*Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
*Fiber Chem Corp, P O Box 218, Matawan, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Merchants Chem Co, 60 E 42 St, N Y 17
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Henry Sundheimer Co, 103 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

SOYBEAN FLOUR

Refined flour made from soya bean. Uses—food preps.; sausage filler; health products, etc.
● Pkg—100 lb. bags, 150, 175 lb. drums.
*Archer-Daniels-Midland Co, 600 Roanoke Bldg, Minneapolis ,Minn
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
O J Weeks Co, 44 N Moore St, N Y 13

SOYBEAN MEAL AND CAKE

Cake residue from soybean oil production. Uses—as live stock feed.
*Archer-Daniels-Midland Co, 600 Roanoke Bldg, Minneapolis, Minn
H J Baker & Bro, 600 5 Ave, N Y 20
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Central Soya Co, 300 Fort Wayne Bank Bldg, Fort Wayne 2, Ind
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Elbert & Co, 2 Broadway, N Y 4
*General Mills, 400 2 Ave S, Minneapolis, Minn
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
Hummel Chem Co, 90 West St, N Y 6
*Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
*Southern Cotton Oil Co, 25 Broad St, N Y 4

SOLVENTS

Carbon Tetrachloride
Chloroform
Ethylene Dichloride
Perchloroethylene

DOW PRODUCES MORE THAN 600 CHEMICAL PRODUCTS.

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MIDLAND • MICHIGAN

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ADM has everything in
SOYA PRODUCTS

A complete line of edible and industrial soy flour, flakes and grits.

Plus a complete line of crude and refined soybean oils, soybean fatty acids and soybean oil meal.

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600 Roanoke Building, Minneapolis, Minnesota

SORBITOL—
$C_6H_8(OH)_6$
water-soluble hexahydric alcohol for CONDITIONING —for SYNTHESIS

SORBO® (70% D-sorbitol solution). Highest purity. For moisture-conditioning and synthesis.

ARLEX® (Atlas commercial sorbitol solution)—Contains related polyhydric materials which make it non-crystallizing. For conditioning, flexibilizing.

CRYSTALLINE — Used where low water content is desirable.

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ATLAS POWDER COMPANY
WILMINGTON 99, DELAWARE
offices in principal cities
ATLAS POWDER COMPANY
CANADA, LTD.
BRANTFORD, CANADA

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

SPIRITS, MINERAL

Colorless liq., sweet, pleasant odor. Sp. gr. 0.770-0.800. B.R. 90% below 200°C. Flash Point 86°-105°F. Refractive Index 1.42. Grades—tech. Uses—paint and varnish (solvent, thinner, turpentine substitute).

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Mineral Spirits Co, 155 W 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chemical Solvents, 60 Park Place, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
William S Gray & Co, 342 Madison Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Pencia Oil Co, 15 W 51 St, N Y 19
Petroleum By-Products & Chem Co, 15 Whitehall St, N Y 4
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Shell Oil Co, 50 W 50 St, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

SPOT-PROOFING COMPOUNDS

*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Ciba Co, 627 Greenwich St, N Y 14
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil Co, Warren & Morris Sts, Jersey City 2, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SPRAY BASES, AGRICULTURAL

*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Flistoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
H J Baker & Bro, 600 5 Ave, N Y 20
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Florida Agricultural Supply Co Div, 1611 Talleyrand Ave, Jacksonville, Fla
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*National Casein Co, 601 W 80 St, Chicago 20, Ill
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*John Powell & Co, 1 Park Ave, N Y 16
*G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

SPRAY BASES, CATTLE

*Agkem Div, 506 Maine St, Quincy, Ill
*Allied Industrial Products Co, 225 W 34 St, N Y 1
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*John Powell & Co, 1 Park Ave, N Y 16
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

SPRAY BASES, FLY

*Allied Industrial Products Co, 225 W 34 St, N Y 1
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Crowley Tar Products Corp, 271 Madison Ave, N Y 16
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*General Chem Div, 40 Rector St, N Y 6
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Polak & Schwarz, 667 Washington St, N Y 14
*John Powell & Co, 1 Park Ave, N Y 16
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
George B Robbins Disinfectant Co, 42 Carleton St, Cambridge 42, Mass
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal

SPREADERS, AGRICULTURAL SPRAY

*A Adler & Son, 1039-41 N Front St, Phila 23, Pa
*Allied Industrial Products Co, 225 W 34 St, N Y 1
*Attapulgus Minerals & Chem Corp, 210 W Washington Sq, Phila, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Dow Chem Co, Midland, Mich
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*General Chem Div, 40 Rector St, N Y 6
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*National Casein Co, 601 W 80 St, Chicago 20, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

STABILIZERS (Polyvinyl Chloride Resins)

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Burtonite Co, P O Box 7, Nutley 10, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Eastman Chem Products, Kingsport, Tenn
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Ferro Chem Corp, Box 349, Bedford, Ohio
*Firestone Plastics Div, Firestone Tire & Rubber Co, P O Box 690, Pottstown, Pa
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Goldschmidt Chem Corp, 153 Waverly Pl, N Y 14
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Henley & Co, 801 2 Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Kem Products Co, 227-229 High St, Newark 2, N J
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Chem & Color Co, 355 W Ontario St, Chicago 10, Ill



Dutch Boy" Stabilizers for the Vinyl Plastics Industry

Like all "Dutch Boy" products, these vinyl stabilizers are backed by the solid reputation of the maker—National Lead Company. For complete factual data or technical assistance in their use, write us.

PRODUCT	USE
TRIBASE (Tribasic Lead Sulphate)	Electrical and other compounds requiring high heat stability
TRIBASE E (Basic Lead Silicate Sulphate Complex)	Low volume cost insulation
DS-207 (Dibasic Lead Stearate)	Stabilizer-lubricant for sheeting, film, extrusion and molded compounds
PLUMB-O-SIL A (Co-precipitate of Lead Orthosilicate and Silica Gel)	Translucent and colored sheeting and upholstery stocks
PLUMB-O-SIL B (Co-precipitate of Lead Orthosilicate and Silica Gel)	Translucent and colored film, sheeting, belting
PLUMB-O-SIL C (Co-precipitate of Lead Orthosilicate and Silica Gel)	Highly translucent film and sheeting
DYTHAL (Dibasic Lead Phthalate)	General purpose stabilizer for heat and light. Good electrical properties
DYPHOS (Dibasic Lead Phosphite)	Outstanding for heat and light in all opaque stocks, including plastisols and organosols. Exceptional weathering characteristics
NORMASAL (Normal Lead Salicylate)	As stabilizer or co-stabilizer in vinyl flooring and other compounds requiring good light stability
BARINAC (Barium Ricinoleate)	Stabilizer-lubricant for clears

*Reg. U. S. Pat. Off.

Dutch Boy* CHEMICALS



NATIONAL LEAD COMPANY
111 Broadway, New York 6, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

VINYL STABILIZERS

Your choice of many individual stabilizers for use in the exact combination to fit your specific requirements. Write for FREE *Stabilizer Handbook.*

Ferro also manufactures a complete line of:

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FERRO CHEMICAL CORPORATION
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FERRO

STABILIZERS FOR VINYL PLASTICS

Advance

For clears and pigmented stocks, compounded or extruded, we offer perfected Stabilizers for use alone, or in combinations:

ORGANO-TIN STABILIZERS
ORGANO-METALLIC STABILIZERS
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STEARATES
TIN SULFUR STABILIZERS

ADVANCE

SOLVENTS & CHEMICAL CORP.
245 Fifth Avenue
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Preserve the quality of your vegetable oils, sulfonated vegetable oils and fatty acids with

SINDAR STABILIZERS

EFFECTIVE . . . LASTING . . . ECONOMICAL

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Industrial Aromatics and Chemicals

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WITCO STABILIZERS FOR VINYL RESINS

WITCO LEAD STEARATES #50 (Dibasic)
WITCO LEAD STEARATES #30, oiled #30
WITCO STABILIZER #70, #80 and #90
WITCO CADMIUM STEARATE
WITCO BARIUM STEARATE
WITCO CALCIUM STEARATE

WITCO CHEMICAL COMPANY 260 MADISON AVE., NEW YORK 16, N.Y.

Los Angeles • Boston • Chicago • Houston • Cleveland
San Francisco • Akron • London and Manchester, England

See our Catalog Ad

STABILIZERS, continued

*Metal & Thermit Corp, 100 E 42 St, N Y 17
*M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Lead Co, 111 Broadway, N Y 6
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*S B Penick & Co, 50 Church St, N Y 7
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Superior Materials, 120 Liberty St, N Y 6
*Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

STABILIZERS, HEAT RESISTANT

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Ferro Chem Corp, Box 349, Bedford, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
R T Vanderbilt Co, 230 Park Ave, N Y
*Witco Chem Co, 260 Madison Ave, N Y 16

STABILIZERS, LIGHT RESISTANT

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Eastman Chem Products, Kingsport, Tenn
*Ferro Chem Corp, Box 349, Bedford, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

STABILIZERS, VEGETABLE

*Burtonite Co, P O Box 7, Nutley 10, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Kelco Co, 31 Nassau St, N Y 5
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Phenix Foods Co, 500 Pestigo Ct, Chicago, Ill
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Sindar Corp, 330 W 42 St, N Y 36

STAINS, BIOLOGICAL

City Chem Corp, 132 W 22 St, N Y 11
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Monarch Chem Works, 22 & Ave H, E Omaha, Neb
*National Aniline Div, 40 Rector St, N Y 6

STAINS, BODY and SLIP, CERAMIC

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mason Color & Chem Works, 206 Broadway, P O Box 76, E Liverpool, Ohio

STAINS, WOOD

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Barrett Div, 40 Rector St, N Y 6
Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn

STANNOUS FLUOBORATE see Tin Fluoborate

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

STARCH, CORN (Amylum Maranta)

$(C_6H_{10}O_5)n$. White, amorp. granules. Sp. gr. 1.499-1.513. Does not melt. Decomp. and burns when heated. Insol. Jellies with hot water. Uses—see Starch, Potato. Grades—powdered, pearl; tech.; edible; U.S.P.; laundry.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Maize Products Co, 100 E 42 St, N Y
*J T Baker Chem Co, Phillipsburg, N J
*Clinton Foods, Clinton, Iowa
*Corn Products Sales Co, 17 Battery Pl, N Y 4
Doe & Ingalls, 56 Garden St, Everett 49, Mass
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Hammill & Gillespie, 225 Broadway, N Y 7
Kem Products Co, 227-229 High St, Newark 2, N J
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*National Starch Products, 270 Madison Ave, N Y
Scher Bros, 519 Getty Ave, Clifton, N J
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Welch, Holme & Clark Co, 439 West St, N Y 14
Westvaco Chem Div, 161 E 42 St, N Y 17

STARCH IMPROVERS

*Atlas Powder Co, Wilmington 99, Del
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Concord Chem Co, 80 E Second St, Moorestown, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*C E Ising Corp, 133-24-30 41 Ave, Flushing 55, N Y
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Reichhold Chem, 630 5 Ave, N Y 20

STARCH, POTATO

$(C_6H_{10}O_5)n$. White, amorp. powd. Uses—mfr. cold water glues, various adhesives, dextrin, chemical products, nitro-starch explosives, dynamites, face powd., cosmetics, toilet articles, glucose, malt sugar, caramel, distilled liquors, cattle foods, starch glazes, soap, colloidal and perfume preps.; as basic foodstuff; for culinary purposes; in food preps., cocoas, chocolates, sausages, sweetmeats, sauces, baked products, ice-cream, confectionery, candies; pastries; thickener in making dyeing and printing positions for textiles; sizing and finishing textiles; sizing paper; laboratory reagent; bookbinding; in laundries; in medicine. Grades—domestic; imported.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Hammill & Gillespie, 225 Broadway, N Y 7
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Industrial Chem & Dye Stuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mercer Chem Corp, 11 Mercer St, N Y 13
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Welch, Holme & Clark Co, 439 West St, N Y 14

STARCH, RICE

Starch obtained from rice plant. Uses—mfr. food preps., baked products, vegetarian foods, baking powd.; textile sizing and finishing. Grades—tech. (Oryza Sativa).

Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

STARCH, SAGO

Starch obtained from the pith of various palms, chiefly the Metroxylon species in India. Uses—as a food.

*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Nuclear Instrument & Chem Corp, 223 W Erie St, Chicago 10, Ill
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

STARCH, WHEAT

Starch obtained from wheat. See also Starch, Corn, Rice, etc. Grades—edible; tech.

Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Morningstar, Nicol, 630 W 51 St, N Y 19
Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14

STARCHES, LAUNDRY

*American Maize Products Co, 100 E 42 St, N Y
*Arabol Mfg Co, 110 E 42 St, N Y 17
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
Cidex Corp, 85 Franklin St, Jersey City 7, N J
*Clinton Foods, Clinton, Iowa
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Merchants Chem Co, 60 E 42 St, N Y 17
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

STARCHES, PAPER

*American Maize Products Co, 100 E 42 St, N Y
*Clinton Foods, Clinton, Iowa
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kem Products Co, 227-229 High St, Newark 2, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

STARCHES, SOLUBLE

*American Maize Products Co, 100 E 42 St, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kem Products Co, 227-229 High St, Newark 2, N J
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Scher Bros, 519 Getty Ave, Clifton, N J
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

STARCHES, SYNTHETIC

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

STARCHES, TEXTILE

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Maize Products Co, 100 E 42 St, N Y
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Clinton Foods, Clinton, Iowa
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo

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630 WEST 51ST STREET, NEW YORK 19
1770 CANALPORT AVE., CHICAGO 16

SCIENTIFIC STARCH, DEXTRINE AND NATURAL GUM SERVICE

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

STRONTIUM CARBONATE

PURE, TECHNICAL AND REAGENT GRADES

Strontium Chloride
Strontium Hydrate
Strontium Hydroxide
(ANHYDROUS)
Strontium Nitrate
Strontium Oxalate
Strontium Oxide
(POROUS)
Strontium Peroxide
Strontium Sulphide

See Product Listings

BARIUM AND CHEMICALS, INC.

BARCO

WILLOUGHBY, OHIO

MANUFACTURERS OF BARIUM STRONTIUM CALCIUM COMPOUNDS

See Our Catalog Ad

STARCHES, TEXTILE, continued

*Joy Chem, 133 Webster St, Pawtucket, R I
Kem Products Co, 227-229 High St, Newark 2, N J
*Morningstar, Nicol, 630 W 51 St, N Y 19
*National Starch Products, 270 Madison Ave, N Y
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Scher Bros, 519 Getty Ave, Clifton, N J
*A E Staley Mfg Co, Box 151, Decatur 60, Ill
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14

STEARINE (Glycerylstearic Ester, Tristearin, Glycerol Tristearate)

$C_3H_5(C_{17}H_{35}COO)_3$. Colorless, odorless, amorp. powd. Sp. gr. 0.943 (65°C). M.P. 71-71.5°C. Sol. ether, chloroform, carbon disulfide. Uses—mfr. candles, soaps, textile sizes, adhesive pastes, artificial ivory, metal polishes; waterproofing paper and artificial stone; impregnating fabrics; stuffing leather. Grades—various as oleostearine, lard stearine, etc., as to source.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Marcus Ruth Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*George Pfau's Sons Co, 9 & Wall Sts, Jeffersonville, Ind
Republic Chem Corp, 94 Beekman St, N Y 38
*Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind
E J Verde & Co, 335 Produce Exchange, N Y 4
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14

STEAROPHANIC see Acid, Stearic

STEATITE RENSSELAERITE see Talc

STEINBUHL YELLOW see Barium Chromate

STEROLS

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
*Schering Corp, 2 Broad St, Bloomfield, N J
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

STIBIUM see Antimony Metal

STIBNITE see Antimony Sulfide

STICK LAC see Shellac

STIFFENERS, LEATHER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*Kem Products Co, 227-229 High St, Newark 2, N J
*Neville Co, Neville Island, Pittsburgh 25, Pa

STIFFENERS, TEXTILE

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Colton Chem Co, 1545 E 18 St, Cleveland 14, Ohio
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kem Products Co, 227-229 High St, Newark 2, N J
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Schoiler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

STILICEOUS SINTER see Fluorspar

STODDARD SOLVENT

Colorless refined petroleum product specially fractionated for the dry cleaning industry. Specifications are outlined in the Bureau of Standards, booklet CS3-28. Flash Point shall not be lower than 100°F; odor, sweet; shall show not more than extremely slight discoloration when clean copper strip is submerged in the solvent for three hours at 212°F. Distillation range, not less than 50% shall be recovered in the receiver when the thermometer reads 350°F. The dry or end point shall be not higher than 410°F. No tolerance shall be allowed above 410°F. See Benzine.

● Pkg—Drums.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
C B Coburn Co, 63 Market St, Lowell, Mass
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Peerless Oil & Chem Corp, 51 Ave & 27 St, L I C 1, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Shell Oil Co, 50 W 50 St, N Y 20
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal

STOLZITE see Lead Tungstate

STONE FLAX see Asbestos

STREPTOMYCIN

Empirical formula, $C_{21}H_{39}O_{12}N_7$. Antibacterial agent of high potency. Sol. water; insol. alcohol, other organic solvents.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
De Bear Inc, 636 11 Ave, N Y 36
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stanalchem, Inc, 350 Madison Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
*White Cross Labs, 79 Wall St, N Y

STRIPPERS, DRY-CLEANING

*Dixo Co, 225 River Rd, Garfield, N J

STRIPPERS, TEXTILE

*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Scher Bros, 519 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J

STRONTIA see Strontium Oxide

STRONTIUM ACETATE

*Barium & Chem, Willoughby, Ohio
*Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

STRONTIUM BROMIDE

$SrBr_2 + 6H_2O$. M.W. 355.57. Colorless cryst. Sol. alcohol, insol. ether. Melts when heated. Becomes anhydrous at 180°C. Uses—medicine.

● Pkg—25, 50, 100, 150 lb. drums

J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Michigan Chem Corp, 500 N Bankson, St Louis, Mich
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y

STRONTIUM CARBONATE

$SrCO_3$. M.W. 147.64. White powd. Uses—mfr. other strontium salts; mfr. iridescent glass; refining sugar; in medicine. Grades—natural, precipitated; tech.

● Pkg—50 lb. bags, 100, 200 lb. drums, 250, 300 lb. bbls.

*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
Croton Chem Corp, 114 Liberty St, N Y 6
European Chem Co, 366 Broadway, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hummel Chem Co, 90 West St, N Y 6
International Salling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Republic Chem Corp, 94 Beekman St, N Y 38

STRONTIUM CHLORATE

*City Chem Corp, 132 W 22 St, N Y 11

STRONTIUM CHLORIDE

$SrCl_2 + 6H_2O$. M.W. 266.65. White or colorless cryst. sol. alcohol, water. Uses—reagent; in pyrotechnics. Grades—Reagent; C.P.; anhydrous; tech.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Prior Chem Corp, 420 Lexington Ave, N Y 17

STRONTIUM CHROMATE

$SrCrO_4$. M.W. 203.6. Canary yellow. Heat resistant. Uses—coloring of vinyl resins.
● Pkg—50 lb. bags.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
Stanley Doggett Inc, 75 Varick St, N Y 13
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich

STRONTIUM 2-ETHYL HEXOATE

$Sr[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 374.03. Colorless solid. Uses—solutions to stabilize polyvinyl chloride and copolymers against heat.
● Pkg—55 gal. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Barium & Chem, Willoughby, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

STRONTIUM FLUORIDE

● Pkg—Custom packed.

*Barium & Chem, Willoughby, Ohio
City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6

STRONTIUM HYDROXIDE

$Sr(OH)_2 8H_2O$. M.W. 265.77. Colorless deliq. cryst. Sp. gr. 1.396. M.P. 375°C. Uses—refining beet sugar, separation of crystallizable sugar from molasses.

*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Westvaco Chem Div, 161 E 42 St, N Y 17

STRONTIUM LACTATE

$Sr(C_3H_5O_3)_2.3H_2O$. M.W. 319.8. White gran. powd. Sol. alcohol, water, ether.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C

STRONTIUM LAURATE

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Barium & Chem, Willoughby, Ohio
*Mathe Chem Co, 169 Millbank St, Lodi, N J

STRONTIUM, METAL

Sr. Silver-white metal. Dens. 2.54. M.P. 900°C. B.P. 1000°C. Slowly sol. in water with formation of the hydroxide; sol alcohol and acids. Grades—tech.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Varlacoid Chem Co, 116 Broad St, N Y 4

STRONTIUM NAPHTHENATE

M.W. about 550. 16% metal. Buff solid; sol. selected organic solvents. Uses—water-proofer and stabilizer.
● Pkg—55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Barium & Chem, Willoughby, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

STRONTIUM NITRATE

a. $Sr(NO_3)_2$. b. $Sr(NO_3)_2.4H_2O$. White powd. Sp. gr. a. 2.98. b. 2.249 (15.5°C). M.P. a. 570°C. b. loses water on heating. Sol. water; very sl. sol. absolute alcohol. Uses—mfr. red light pyrotechnics, matches, marine and railroad signals. Grades—tech.; C.P.; dry, pure dry; impalpable.
● Pkg—650, 675 lb. bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*J T Baker Chem Co, Phillipsburg, N J
*Barium & Chem, Willoughby, Ohio
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Croton Chem Corp, 114 Liberty St, N Y 6
Davies Nitrate Co, 114 Liberty St, N Y 6
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
Republic Chem Corp, 94 Beekman St, N Y 38

STRONTIUM OXALATE

$SrC_2O_4.H_2O$. M.W. 193.7. White cryst. powd. Insol. water; decomp. on heating; sol. most acids. Uses—mfr. pyrotechnics.

*Barium & Chem, Willoughby, Ohio
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17

STRONTIUM OXIDE (Strontia, Strontium Monoxide)

SrO. M.W.103.63. Grayish-white powd. Sp. gr. 4.7. M.P. 2430°C. Sl. sol. alcohol; sol. water. Uses—mfr. strontium hydroxide, pyrotechnic compositions, glass; photographic reagent; as paint and varnish pigment and filler; in medicine. Keep dry.
● Pkg—100, 500 lb. drums.

*Barium & Chem, Willoughby, Ohio
*Hummel Chem Co, 90 West St, N Y 6

STRONTIUM PEROXIDE (Strontium Dioxide)

a. SrO_2. b. $SrO_2.8H_2O$, about 84% SrO_2. White, odorless, tasteless, crystalline or amorp. powd. Sp. gr. a. 0.456. M.P. a. Decomp. on heating. b. Loses water of crystallization at 100°C. Sol. alcohol, ammonium chloride solution. Uses—general bleaching agent; bleaching sugar; fireworks. Grades—tech.
● Pkg—100, 500 lb. drums.

*Barium & Chem, Willoughby, Ohio
*Hummel Chem Co, 90 West St, N Y 6
International Selling Corp, 122 E 42 St, N Y 17

STRONTIUM SALICYLATE

$Sr(C_7H_5O_3)_2+2H_2O$. White, odorless, cryst. powd. Sol. alcohol, water. Uses—mfr. fine chemicals, pharmaceuticals; in medicine. Grades—U.S.P.; tech.
● Pkg—5, 25 lb. cartons, 25, 100, 200, 250, 300 lb. bbls., drums.

*Barium & Chem, Willoughby, Ohio
*Dow Chem Co, Midland, Mich
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Simpson Labs Div, 120 Wall St, N Y 5

STRONTIUM STEARATE

$Sr(C_{18}H_{35}O_2)_2$. White powd. M.P. 130-140°C. M.W. 654. Ash, 21.9%. Washed ash, 21.4%. Solubility ash. It is insol. in low-molecular wt. alcohols and esters. It is partly sol. in and forms gels with aromatic and aliphatic hydrocarbons such as benzol, mineral spirits, and paraffin oil. Uses—grease and wax compounding. Due to its colored flame it should be advantageous in pyrotechnic flares and signals.
● Pkg—50 lb. boxes.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

STRONTIUM SULFATE (Celestin)

$SrSO_4$. M.W. 183.7. Rhombic cryst. Uses—glass, ceramic industries; mfr. fireworks; in paper. Grades—tech., 98-99%.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
*Barium & Chem, Willoughby, Ohio
Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6

STRONTIUM SULFIDE

SrS. Gray powd. Sp. gr. 3.7. Uses—depilatory, luminous paints.

*Barium & Chem, Willoughby, Ohio
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

STRONTIUM ZIRCONATE

*Titanium Alloy Mfg Div, 111 Broadway, N Y C

TAM
ZIRCONIUM TITANIUM PRODUCTS
Registered U. S. Pat. Off.

ELECTRICAL ZIRCONATES

BARIUM ZIRCONATE
CALCIUM ZIRCONATE
MAGNESIUM ZIRCONATE
STRONTIUM ZIRCONATE

TITANIUM ALLOY MFG. DIVISION
National Lead Company

111 Broadway, N.Y.C.
Plant: Niagara Falls, N. Y.

STRONTIUM

STRONTIUM CARBONATE
Pure and Technical Grades

STRONTIUM SULPHATE (Celestite)
Guaranteed Strontium Sulphate, minimum 90.00%
(a)—Air floated 90% through 325 mesh
(b)—90% through 200 mesh

Foote

FOOTE MINERAL COMPANY
409 EIGHTEEN WEST CHELTEN BLDG.
PHILADELPHIA 44, PENNA.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

STRYCHNINE ALKALOID (Vauquetine)

$C_{21}H_{22}N_2O_2$. Small hard cryst. or white crystalline powd., very bitter taste. M.P. 265°C. Sol. alcohol, water; very sl. sol. ether. Uses—in rat and other vermin poisons.

● Pkg—25 oz. tins, 100 oz. drums.

European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Prentiss Drug & Chem Co, 110 William St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

STRYCHNINE NITRATE

$C_{21}H_{22}O_2N_2HNO_3$. Colorless needles or white crystalline powd. Sol. alcohol, water, chloroform; insol. ether. Uses—mfr. rat and other rodent poisons.

● Pkg—Custom packed.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Inland Alkaloid Co, Tipton, Ind
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7

DEWEY AND ALMY
Chemical Company

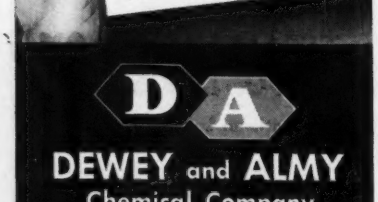
DAREX
HIGH STYRENE
COPOLYMERS

in solid or latex form

In solid form — for reinforcing rubber compounds used by sole and heel, rubber tile, and cable manufacturers. Also used to modify polystyrene in molding compounds.

In latex form — for treating textiles, coating paper, and various adhesive uses.

Available in large or small quantities for immediate delivery.



D A
DEWEY and ALMY
Chemical Company
Cambridge 40, Massachusetts

STRYCHNINE SULFATE

$(C_{21}H_{22}N_2O_2)_2H_2SO_4 + 5H_2O$. Colorless, odorless prisms or white powd., very bitter taste. Sol. alcohol, water, chloroform; insol. ether. Uses—extensively in mfr. of rodent exterminating products.

● Pkg—25 oz. bottles, 100 oz. drums.

European Chem Co, 366 Broadway, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

STUFFING COMPOUNDS, LEATHER

Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Hass Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J

STYRAX BENZOIN see Gum, Benzoin

STYRENE COPOLYMERS

*Bakelite Co, 30 E 42 St, N Y 17
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Chem Co, Midland, Mich
*Firestone Plastics Co, Chem Sales Div, P O Box 690, Pottstown, Pa
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Marbon Corp, 1927 W 10 Ave, Gary, Ind
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass

STYRENE DIBROMIDE

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

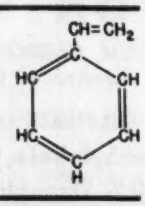
STYRENE MONOMER (Vinyl Benzene)

C_8H_8. M.W. 104.14. Clear, colorless liq. of characteristic odor. Polymerizes slowly on standing, rapidly when heated, becoming increasingly viscous until a clear, glassy, solid state is reached. Sp. gr. 0.904 (25°C). B.P. 81-82°C at 100 mm pressure. Flash pt. 31°C. Sp. heat, BTU/lb./°F., 0.32. Viscosity at 25°C, 0.77 centipoises. Dielectric constant, 1000 cycle, 2.35. Sp. resistivity, 3.0 X 10^{12} ohm cms. Wt. per gal. at 25°C, 7.5 lbs. Grades—styrene content, not less than 98%, as a water-white liq. Uses—mfr. polystyrene plastic resin.

● Pkg—1, 5, 55 gal. drums, 1, 5, 10 gal. cans.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
International Selling Corp, 122 E 42 St, N Y 17
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex

KOPPERS
Styrene Monomer
Purity: 99.5% Minimum



USES: In production of polystyrene molding products, GR-S synthetic rubbers, polyester laminating and casting resins and specialty synthetic elastomers. It forms copolymers with acrylonitrile, acrylates, maleic anhydride, drying oils, and isobutylene among others.

It is a raw material for synthesis of chloromycetin.

KOPPERS COMPANY, INC.
Chemical Division
PITTSBURGH 19, PA.
KOPPERS ®

STYRENE OXIDE (1,2-Epoxyethylbenzene)

$C_8H_8C_2H_2O$. M.W. 120.1. Colorless to pale straw-colored liq. Completely miscible with common organic solvents; insol. water.

*Dow Chem Co, Midland, Mich
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

SUCCINALDEHYDE see Succinic Anhydride

SUCCINIC ANHYDRIDE (Succinaldehyde)

$C_4H_4O_3$ $H_2C—CO$ $H_2C—CO$ (>O). Lightly colored flakes. Sp. gr. 1.104. Sol. chloroform. Uses—mfr. pharmaceuticals, synth. resins; organic synthesis. Grades—dist. (S.P. 117°C. min.).

● Pkg—200, 250 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*B L Lemke & Co, 199 Main St, Lodi, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*National Aniline Div, 40 Rector St, N Y 6

SUCCINIMIDE

$(H_2CCO)_2NH$. M.W. 99. Small, thin light-tan flakes, easily crumbled (tech.), nearly odorless, colorless cryst. (purified). Very sol. hot water; completely sol. cold water. sodium hydroxide solution; insol. organic solvents. Uses—Gabriel synthesis of primary amines, for N-halogination, synthesis of B-alanine.

*Arapahoe Chem, 2800 Pearl St, Boulder, Col
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*National Aniline Div, 40 Rector St, N Y 6
*Sterone Corp, 250 W 57 St, N Y 19

SUCCINYL CHOLINE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

SUCCINYL SULFATHIAZOLE

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Nepera International Corp, 37 Wall St, N Y 5
*Paul-Lewis Labs, 4253 N Port Washington Rd, Milwaukee 12, Wis
Rosenthal Bercow Co, 25 E 26 St, N Y
*Toelle Chem Co, R D 1, Box 75, Newton, N J
*White Cross Labs, 79 Wall St, N Y

SUCROSE OCTA-ACETATE

$C_{28}H_{38}O_{19}$. M.W. 678.3. White cryst. derivative of cane sugar. B.P. 260°C at 1 mm. Hg. Decomp. above 285°C. Viscosity (100°C) 29.5 poise. Sp. Rotation (CCl_4) + 54.96°C. Refractive Index 1.4660. Quite sol. acetone, ethylene dichloride, toluol; practically insol. water. Uses—mfr. anhydrous adhesive compositions; to impart parchment-like surfaces to paper; to make oil, water and grease repellent surfaces to boxboard; as a denaturant in alcohol formulas; as a plasticizer.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

SUGAR OF MILK (Lactose, Lactin)

$C_{12}H_{22}O_{11}.H_2O$. White, solid crystalline. Sp. gr. 1.525 (20°C). Decomp. at 203.5°C. Sol. water. Uses—mfr. infant foods, margarine, baked products, butter, confectionery, candies, sweetmeats, food preps., pyrotechnic compositions; as bacteria medium; silvering glass mirrors; in medicine. Grades— U.S.P. powd.; impalpable powd.; C.P.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
*Avoset Co, 1530 Spring Garden St, Phila 1, Pa
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Browning Chem Corp, 150 Broadway, N Y 38
Consumers Products Co, 99 Hudson St, N Y 13
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

SUGAR REFINING AGENTS

Matheson Co, P O Box 85, E Rutherford, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

SUGARS, RARE

d-Arabinose and l-Rhamnose among others.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Bios Labs, 17 W 60 St, N Y 23
City Chem Corp, 132 W 22 St, N Y 11
Fallek Products Co, 163 Broadway, N Y 6
*Nuclear Instrument & Chem Corp, 223 W Erie St, Chicago 10, Ill

SULFADIAZINE (2-Sulfanilamidopyrimidine)

M.W. 250.27. White elongated prisms or crystalline powd. Sulfadiazine is sol. 0.0123 g. in 100 cc. water at 37°C. It is readily sol. in aqueous bases or mineral acids; sl. sol. in alcohol or acetone, insol. in ether or chloroform. M.P. between 253°-256° C with decomp. when inserted in a bath at 245°C and heated at 4°C per minute. It may be assayed by diazotization. Is useful in all the diseases treated by previous sulfanilamide derivatives, especially diseases caused by B-hemolytic streptococci, staphylococci, pneumococci, meningococci, gonococci and B. coli. It has the advantage of much lower toxicity than other drugs of comparable potency; hence may be used at more effective blood levels. Its solution in triethanolamine has shown outstanding properties in treatment of severe burns.
●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Clifford Chem Div, 170 Broadway, N Y 38
De Bear Inc, 636 11 Ave, N Y 36
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Kolon Trading Co, 15 Park Row, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
Nepera International Corp, 37 Wall St, N Y 5
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*White Cross Labs, 79 Wall St, N Y

SULFAGUANIDINE (Sulfanilylguanidine)

M.W. 232.26. White, odorless needle-like cryst. or crystalline powd. Sulfaguanidine is sol. 10 g. in 100 cc. of boiling water, and 0.22 g. in 100 cc. at 37.5°C. It is 5% soluble in boiling 95% alcohol, 1.5% in boiling acetone. It is difficultly sol. in ethyl acetate and insol. in benzene, ether and chloroform. It is readily sol. in cold bases. It is destroyed by boiling with strong bases. It melts in the range 189° to 192°C. after preliminary softening. In a short sealed tube, it melts at 142.5°-143.5°C. It may be assayed by diazotization. Effective in treatment of various bacterial diseases of intestines such as dysentery. Is poorly absorbed into blood stream so may be given in high dosage to secure action on intestinal organisms without reaching toxic blood levels.
●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Nepera International Corp, 37 Wall St, N Y 5
Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5
*White Cross Labs, 79 Wall St, N Y

SULFAMERAZINE

$C_{11}H_{12}N_4O_2S$. M.W. 264.3. M.P. 234-238°C. White or faintly yellowish white cryst. or powd.; nearly odorless; sl. bitter taste. Sol. dilute mineral acids, solutions of potassium, ammonium, sodium hydroxides; sl. sol. water, acetone, alcohol, ether, chloroform. Uses—pharmaceuticals.
●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5

SULFAMIDYL see Sulfanilamide

SULFANILAMIDE (p-Aminobenzenesulfonamide, Sulfamidyl, Sulphonamide P, Prontosil Album)

$C_6H_8N_2O_2S$. M.W. 172.14. M.P. 164.5-166.5°C. Sol. water, alcohol. Colorless or white cryst. or white crystalline powd. Uses—medicinal.
●Pkg—25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
John A Chew, 60 E 42 St, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
Kolon Trading Co, 15 Park Row, N Y
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stanalchem, Inc, 350 Madison Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

2-SULFANILAMIDOPYRIDINE see Sulfapyridine

2-SULFANILAMIDOPYRIMIDINE see Sulfadiazine

SULFANILYLGUANIDINE see Sulfaguanidine

SULFAPYRIDINE (2-Sulfanilamidopyridine)

$H_2N{\cdot}C_6H_4{\cdot}SO_2{\cdot}NH{\cdot}C_5H_4N$. M.W. 249.28. Freely sol. dilute mineral acids, aqueous solution of potassium and sodium hydroxides. Uses—medicine.
●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Gane's Chem Works, 677 5 Ave, N Y 22
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
Nordmark Chem Co, 73-12 187 St, Flushing 66, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5

SULFATED HIGHER ALCOHOL

*Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Fallek Products Co, 163 Broadway, N Y 6
M Michel & Co, 90 Broad St, N Y 4
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Robinson, Wagner Co, 110 E 42 St, N Y 17
*Scher Bros, 519 Getty Ave, Clifton, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Synthetic Chems, 335 McLean Blvd, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

SULFATHIAZOLE

●Pkg—25, 100 lb. drums.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13

NORDMARK products are characterized by outstanding purity, uniformity, and reliability.

SULFA DRUGS
AMINO ACIDS
LIVER CONCENTRATES
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New 'BIOS' Chemicals

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Acetobromoglucose
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Arabonic Acid
Cellotriose
Chloralose
Desoxyribose
Dihydroxyacetone
Erythritol
Galacturonic Acid
Gentiobiose
Glucamine
Glucoascorbic Acid
Glucose Diacetone
Glucose Monoacetone
Glucose Pentaacetate
Glucose-1-phosphate
Glucose-6-phosphate
Glucosides
Glucuronic Acid
Glyceraldehyde
Glyceric Acid
Hydroxymethylfurfural
Inosine
Inosinic Acid
Inositol Calcium Phosphate
Methylglucamine
Oxycellulose
Phosphogluconic Acid
Phosphoglyceric Acid
Reductone
Ribonic Acid
Ribose
Saccharic Acid
Thiosorbitol

OVER 5,000 CHEMICALS IN STOCK

BIOS Laboratories, Inc.
17 West 60th St. New York 23 N. Y.
Plaza 7-8171

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Monsanto
Sulfones
For Organic Synthesis

● As a part of its continuing research in Sulfones, Monsanto has developed products which may be of particular value as intermediates for dyestuffs, biocides and other organic chemicals. Chief among them is:

Dihydroxy Diphenyl Sulfone (Phenol, Sulfonyl bis-)

● Suggested uses are: electroplating bath additive; buffering agents; preparation of phenolic resins for use as tanning agents, textile auxiliaries, dispersants, fungicides, bleaching agents; stabilizer for cellulose materials; adhesive formulations; biocides.

● Ask for complete information on the above product and on these other Monsanto Sulfones:

3,3' Diamino 4,4' Dihydroxy Diphenyl Sulfone
4,4' Dichlor 3,3' Dinitro Diphenyl Sulfone
Dichloro Diphenyl Sulfone

MONSANTO CHEMICAL CO.
Merrimac Div.
Boston 49, Mass.

MONSANTO CHEMICALS – PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

THE NAME TO WATCH IN CHEMICALS

SODIUM SULFONATES

Wetting Agents • Polybutenes • Naphthenic Acids • Gas Odorants
Copper Naphthenate • Phthalic Anhydride • Nonionic Surfactants
Detergent D-40 (Flakes, Granules, Powder) and D-60, Alkane, Slurry
Dispersant FO (Furnace Oil Inhibitor) • Lube Oil Additives
Maleic Anhydride • Phenol, U.S.P.

ORONITE CHEMICAL COMPANY

38 Sansome Street, San Francisco 4, Calif. — 30 Rockefeller Plaza, New York 20, N. Y.
Standard Oil Bldg., Los Angeles 15, Calif. — 600 S. Michigan Avenue, Chicago 5, Ill.
Mercantile Securities Bldg., Dallas 1, Texas

SULFATHIAZOLE, continued

Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Clifford Chem Div, 170 Broadway, N Y 38
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Gane's Chem Works, 677 5 Ave, N Y 22
Henley & Co, 801 2 Ave, N Y 17
Kolon Trading Co, 15 Park Row, N Y
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*White Cross Labs, 79 Wall St, N Y

SULFIDE WHITE see Lithopone

SULFOARSENIOUS ANHYDRIDE see Arsenic, Yellow

SULFOCARBANILIDE see Thiocarbanilide

SULFONAMIDE P see Sulfanilamide

SULFONATED OIL SUBSTITUTES

*Apex Chem Co, 225 W 34 St, N Y 1
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fieblng Chem Co, 516 S 2 St, Milwaukee 4, Wis
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Kem Products Co, 227-229 High St, Newark 2, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J

SULFONATES

*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colloids, Inc, 394 Frelinghuysen Ave, Newark 5, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Shell Chem Corp, 50 W 50 St, N Y 20
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

SULFONES see ad on this page & Individual Listings

SULFONYL CHLORIDE see Sulfuryl Chloride

SULFOUREA see Thiourea

SULFUR, (Raw, Brimstone)

S. a. Solid amorp. b. Yellow, solid crystalline. Natural and mfr. Sp. gr. a. 1.9556. b. 2.046. M.P. a. 120°C. b. 255°C (ignition point). B.P. a. and b. 444.6°C. Sol. carbon disulfide, sulfur chloride. Uses—mfr. sulfuric acid, other organic and inorganic sulfur compounds, dyes, papermaking, explosives, insecticides, fumigants, vulcanization of rubber, medicine and other special uses.
● Pkg—Bags, bbls.

afc

SULFUR

Refined • Crude
Wettable • Rubbermakers
Agricultural

3-5-40 Cotton Dust and other Formulations

SULPHUR REFINING AND GRINDING PLANTS AND EQUIPMENT

Arsenates

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Zinc Sulfate

TRACE ELEMENT FERTILIZERS
SOIL CONDITIONERS

Agricultural and Industrial Chemicals

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420 LEXINGTON AVE., N. Y. 17, N. Y.
MU-3-3203

Stauffer CHEMICAL SINCE 1885

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ALL GRADES FOR INDUSTRIAL AND AGRICULTURAL USE

●

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BHC and Formulations
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Boric Acid
Boron Trichloride
Carzan 50-W (Fungicide 406)
Carbon Bisulphide
Carbon Tetrachloride
Caustic Soda
Chlordane Insecticides
Citric Acid
Cream of Tartar
DDT and Formulations
Dieldrin Insecticides
Fire Extinguisher Fluid
Lindane and Formulations
Parathion Insecticides
Perchlorethylene
Potassium Nitrate
Rochelle Salt
Silicon Tetrachloride
Sodium Hydrosulphide
Sulphur Chlorides
Sulphuric Acid
Tartar Emetic
Tartaric Acid
Titanium Tetrachloride
Titanium Trichloride Solution
Toxaphene Insecticides
"Zol" Dry Cleaning Fluid

STAUFFER CHEMICAL CO.
420 Lexington Ave., New York 17, N. Y. • 221 No. LaSalle St., Chicago 1, Ill. • 326 So. Main St., Akron 8, Ohio • 524 Wilshire Blvd., Los Angeles 14, Calif. 636 California St., San Francisco 8, Calif. • P. O. Box 7222, Houston 8, Texas • North Portland, Ore. Weslaco, Texas • Apopka, Florida

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Brea Chem, 714 W Olympic Blvd, Los Angeles 15, Cal
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
Consumers Products Co, 99 Hudson St, N Y 13
Croton Chem Corp, 114 Liberty St, N Y 6
De Bear Inc, 636 11 Ave, N Y 36
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
*Freeport Sulphur Co, 122 E 42 St, N Y 17
*General Chem Div, 40 Rector St, N Y 6
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
*International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kolon Trading Co, 15 Park Row, N Y 38
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*Phillips Chem Co, Adams Bldg, Bartlesville, Okla
Plasticchemicals Co, 1 Beekman St, N Y 38
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
*Shepard Chem Corp, 117 Liberty St, N Y 6
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Texas Gulf Sulphur Co, 75 E 45 St, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
United Sterling Chem Corp, 350 5 Ave, N Y 1

SULFUR, AGRICULTURAL

● Pkg—Bags, bbls.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Shepard Chem Corp, 117 Liberty St, N Y 6
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Phosphoric Products Div, P O Box 3269, Tampa 1, Fla

SULFUR DI-CHLORIDE

SCl_2. M.W. 102.97. Reddish-brown liq. Sp. gr. 1.621 at 15°C. M.P. —78°C. B.P. 59°C. Decomp. at 64°C. Grades—tech.

● Pkg—700 lb. drums.

*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

SULFUR DIOXIDE (Sulfurous Acid Anhydride)

SO_2. Colorless liq. or gas. Sp. gr. 1.434 (0°C). M.P. —73°C. B.P. —10°C. Sol. water, alcohol, ether. Uses—as reagent; in bleaching; as preservative; as a selective for purification of kerosene and lubricating oil stocks.

● Pkg—10, 35, 100, 150, 300 lb. cylinders, 2000 lb. drums.

*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ansul Chem Co, Marinette, Wis

DEPENDABLE DELIVERIES

SULPHUR

CRUDE LUMP
REFINED
AGRICULTURAL

INDUSTRIAL CHEMICALS
INTERMEDIATES
PIGMENTS
FERTILIZERS
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SHEPARD CHEMICAL CORP.
117 Liberty St., N.Y. 6
Worth 4-3950
CABLE—"SHEPCHEM"—ALL CODES

SULPHUR

MATHIESON
INORGANIC CHEMICALS*

Ammonia, Anhydrous	Chlorine, Liquid
Ammonia, Aqua	Dry Ice
Ammonium Sulphate	Nitrate of Soda
Bicarbonate of Soda	Nitric Acid
Calcium Hypochlorite	Soda Ash
Carbonic Gas	Sodium Chlorite
Caustic Soda	Sulphur, Processed
Chlorine Dioxide	Sulphuric Acid

* For full listing of Mathieson Chemicals, see our advertisement under Chemicals, Industrial

MATHIESON

MATHIESON CHEMICAL CORPORATION
Mathieson Industrial Chemicals Division
Baltimore 3, Maryland

FREEPORT SULPHUR COMPANY

Producers of CRUDE SULPHUR

Mines: Louisiana and Texas

161 EAST 42nd STREET
NEW YORK 17, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

SULFUR DIOXIDE, continued

*Calco Chem Div, Bound Brook, N J
*Elston Chem, 3100 E 26 St, Los Angeles 23, Cal
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Tennessee Corp,, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Virginia Smelting Co, W Norfolk, Va
Watson-Park Co, Box 158, Ballard Vale, Mass

SULFUR FLOUR

Uses—match mfr., oil refining—general industrial purposes, stock feeds and for general agricultural purposes where a finely divided sulfur is not necessary.
● Pkg—Bags, bbls.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*J T Baker Chem Co, Phillipsburg, N J
Croton Chem Corp, 114 Liberty St, N Y 6
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Merchants Chem Co, 60 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

SULFUR, COLLOIDAL, MEDICINAL

● Pkg—Bottles.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*Heyden Chemical Corp, 342 Madison Ave, N Y 17

SULFUR FLOWERS

A sublimed sulfur. Uses—burning (fumigation, bleaching, fruit preservation), medicinal, livestock feeds.
● Pkg—Bags, bbls.

Croton Chem Corp, 114 Liberty St, N Y 6
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

SULFUR GOLD see Antimony Sulfide, Golden

SULFUR HEXAFLUORIDE

● Pkg—60 lb. cylinders.

*General Chem Div, 40 Rector St, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa

SULFUR LAC see Sulfur, Precipitated

SULFUR MONOCHLORIDE (Sulfur Subchloride)

S_2Cl_2. M.W. 135.03. Amber to yellowish-red, fuming liq., penetrating odor. Sp. gr. 1.678. F.P. —80°C. B.P. 135.6°C. Sol. alcohol, ether, benzene, carbon disulfide, amyl acetate. Uses—mfr. rubber cements and substitutes, acetic anhydride, intermediates, organic chemicals, linseed oil substitutes, military poison gas, insecticides, varnishes, waterproofing and pharmaceutical preps.; hardening soft woods; sulfur solvent; vulcanizing rubber; defecation of sugar juices; finishing and dyeing textiles; in medicine. Grades—red; yellow.
● Pkg—10, 55 gal. drums.

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
John A Chew, 60 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Westvaco Chem Div, 161 E 42 St, N Y 17

SULFUR, PRECIPITATED (Sulfur Lac; Milk of Sulfur)

A fine, light-colored amorp. powd., without taste or odor, obtained by the action of hydrochloric acid upon a solution prepared by boiling together sulfur and lime in water. Uses—medicine.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y

SULFUR SUBCHLORIDE see Sulfur Monochloride

SULFUR TRIOXIDE, STABILIZED LIQUID

*General Chem Div, 40 Rector St, N Y 6

SULFUR, WETTABLE

● Pkg—Bags, bbls.

J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
*California Spray-Chem Co, Lucas & Ortho Way, Richmond, Cal
*Dow Chem Co, Midland, Mich
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Faesy & Besthoff, 325 Spring St, N Y 13
*General Chem Div, 40 Rector St, N Y 6
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*United States Phosphoric Products Div, P O Box 3269, Tampa 1, Fla

SULFURATED LIME see Calcium Sulfide

SULFURETTED HYDROGEN see Hydrogen Sulfide

SULFURIC CHLORIDE see Sulfuryl Chloride

SULFURIC CHLOROHYDRIA see Acid, Chlorosulfonic

SULFURYL CHLORIDE (Sulfonyl Chloride, Sulfuric Chloride, Chlorsulfuric Acid)

SO_2Cl_2. Colorless liq., pungent odor. Sp. gr. 1.66 (20°C). B.P. 69°C. Decomp. in water. Sol. acetic acid. Uses—in organic synthesis; as laboratory reagent. Grades—tech.
● Pkg—5, 13 gal. carboys, 725 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y

SUMAC EXTRACT

Extract from leaves and twigs of the sumac plant. Uses—tanning leather. Grades—liq.; stainless; ordinary; U.S.P.
● Pkg—Bbls.

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Dyewood Co, Main & Joralemon Sts, Belleville, N J
*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

SUMATRA CAMPHOR see Borneol

SUPERFATTING AGENTS

Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*E F Drew & Co, 416 Division St, Boonton, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
Internatio-Rotterdam, 61 Broadway, N Y 6
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
*M Michel & Co, 90 Broad St, N Y 4
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Ross & Rowe, 50 Broadway, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14

SUPERPHOSPHATE (Acid Phosphate)

1. An acid phosphate. 2. Mixture of calcium phosphate and calcium sulfate. Uses—as fertilizer.
● Pkg—100 lb. bags.

*American Agricultural Chem Co, 50 Church St, N Y 7

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American Firstoline Corp, 420 Lexington Ave, N Y 17
*J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 5 Ave, N Y 20
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*International Commodities Corp, 11 Mercer St, N Y 13
*International Minerals & Chem Corp, Plant Food Div, 20 N Wacker Dr, Chicago 6, Ill
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
*Mathieson Chem Corp, Mathieson Bldg, 10 Light St, Baltimore 3, Md
Republic Chem Corp, 94 Beekman St, N Y 38
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*United States Phosphoric Products Div, P O Box 3269, Tampa 1, Fla
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

SURFACE ACTIVE AGENTS, AN-IONIC,

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Fiber Chem Corp, P O Box 218, Matawan, N J
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
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*Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-VanLoan Corp, 1511 Byrum St, High Point, N C
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*National Aniline Div, 40 Rector St, N Y 6
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Oil & Chem Products, 295 Madison Ave, N Y 7
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Ross & Rowe, 50 Broadway, N Y 4
*Scher Bros, 519 Getty Ave, Clifton, N J
*Sharples Chem, 123 S Broad, Phila 9, Pa
*Solvay Process Div, 61 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*Superior Materials, 120 Liberty St, N Y 6
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J

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*Universal Detergents, 1825 E Spring St, Long Beach 6, Cal
Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

SURFACE ACTIVE AGENTS, NON-IONIC

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Wyandotte Chem Corp, Wyandotte, Mich

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*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Burtonite Co, P O Box 7, Nutley 10, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Dow Chem Co, Midland, Mich
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*English China Clays Sales Corp, 551 5 Ave, N Y 17
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
*Johns-Manville, 22 E 40 St, N Y 16
*Kelco Co, 31 Nassau St, N Y 5
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
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*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
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*Allen Burns Co, 58 Pearl St, Buffalo 2, N Y
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*Floridin Co, 220 Liberty St, Warren, Pa
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*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
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*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Jno C F Snyder & Sons, 2304-08 N 28 St, Phila 32, Pa
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*Cohutta Talc Co, P O Drawer 363, Dalton, Ga
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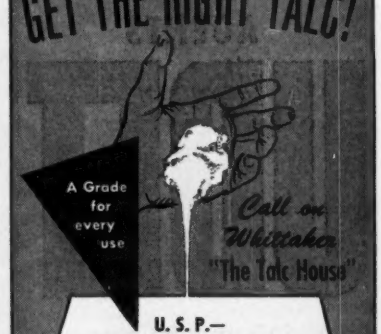
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Innis, Speiden & Co, 420 Lexington Ave, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
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Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Southern California Minerals Co, 320 S Mission Rd, Los Angeles, Cal
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*R T Vanderbilt Co, 230 Park Ave, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
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TALCUM see Talc

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J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 S Ave, N Y 20
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
*Consolidated Chem Industries, 640 Meille Esperson Bldg, Houston, Tex
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
Elbert & Co, 2 Broadway, N Y 4
Hummel Chem Co, 90 West St, N Y 6
International Commodities Corp, 11 Mercer St, N Y 13
Internatio-Rotterdam, 61 Broadway, N Y 6
*Madison Glue Corp, 200 W 34 St, N Y 1
Mutchler Chem Co, 258-259 Broadway, N Y
Oil & Chem Products, 295 Madison Ave, N Y 17
Pacific Vegetable Oil Corp, 62 Townsend St, San Francisco, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
*Snow & Co, 3039 E 12 St, Los Angeles 23, Cal
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Swift & Co, Tallow Dept, Union Stock Yards, Chicago 9, Ill
Joseph Turner & Co, Ridgefield, N J
E J Verde & Co, 335 Produce Exchange, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14

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*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
*E F Drew & Co, 416 Division St, Boonton, N J
*Marcus-Ruth-Jerome Co, 327 S LaSalle St, Chicago 4, Ill
*Mitchell Fels, 272-274 E Ashmead St, Phila 44, Pa
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Puritan Mfg Co, #1 Robbins St, P O Box 564, Waterbury, Conn
*Frederic B Stevens, 1800 18 St, Detroit 16, Mich

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●Pkg—400, 500 bbls., drums.
*Joy Chem, 133 Webster St, Pawtucket, R I
*Swift & Co, Tallow Dept, Union Stock Yards, Chicago 9, Ill

Joseph Turner & Co, Ridgefield, N J
Welch, Holme & Clark Co, 439 West St, N Y 14

TALLOW, SIZING

*Arabol Mfg Co, 110 E 42 St, N Y 17
*Joy Chem, 133 Webster St, Pawtucket, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J

TALLOW, SULFONATED

Obtained by treating tallow with sulfuric acid, thus adding the sulfate group and making the tallow water-sol. White paste. Uses—as softening or finishing agent on cotton or rayon piece goods. Grades—25% total fat. 50% total fat.

●Pkg—400, 500 lb. bbls., drums.
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Cole Labs, 42-25 9 St, L I C 1, N Y
*E F Drew & Co, 416 Division St, Boonton, N J
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
Hummel Chem Co, 90 West St, N Y 6
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
Southern Textile Chem Corp, Clearwater, S C
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

TALLOW, VEGETABLE

From fruit of Chinese tallow tree. Solid emerg. Sp. gr. 0.8843-0.9449. Solidification point 27-35°C. Saponification No. 198-206. Iodine No. 19-60. Acid No 4.2-14.7. Uses—mfr. soaps, candles, paper pulp, lubricant compositions; dressing and finishing leather goods; foam preventative in beater; engraving and lithography Grades—tech.

*E F Drew & Co, 416 Division St, Boonton, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
Elbert & Co, 2 Broadway, N Y 4
Hummel Chem Co, 90 West St, N Y 6
Internatio-Rotterdam, 61 Broadway, N Y 6
*White Cross Labs, 79 Wall St, N Y 5

TANKAGE

Obtained from garbage disposal and abattoir by-product plants. Uses—fertilizer. Grades—graded according to percentage of nitrogen (or ammonia) and phosphoric acid. Also as to source, fish, animal, etc.; 7%-12% ammonia; 15% B.P.L.

*J M Baird Co, 254 W 31 St, N Y 1
H J Baker & Bro, 600 S Ave, N Y 20
*Consolidated Chem Industries, 640 Meille Esperson Bldg, Houston, Tex
*Darling & Co, 4201 S Ashland Ave, Chicago 9, Ill
*Delany & Co, Milnor & Cottman Sts, Tacony, Phila 35, Pa
*Madison Glue Corp, 200 W 34 St, N Y 1
*Swift & Co, Tallow Dept, Union Stock Yards, Chicago 9, Ill

TANNAGES, ONE-BATH

*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Mutual Chem Co of America, 270 Madison Ave, N Y

TALLOW

FOR EXPORT ONLY

ALL GRADES

FATS — OILS

The J. M. Baird Company

MANUFACTURERS • IMPORTERS • EXPORTERS

254 W. 31st St. • New York 1, N. Y.

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MUTUAL CHEMICAL CO. OF AMERICA — NEW YORK, N.Y. — SINCE 1845 — REG. U. S. PAT. OFF.

HEADQUARTERS FOR CHROMIUM CHEMICALS

KOREON

Mutual's One-Bath Chrome Tan

Sodium Bichromate

Potassium Bichromate

MUTUAL CHEMICAL COMPANY OF AMERICA

270 Madison Avenue

New York 16, N. Y.

Plants: Baltimore and Jersey City

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TANTALUM METAL*

(Also tubing, sheets and strips)

*Tungsten

*Zirconium

*Chromium

Copper

Brass

Aluminum

**Products of Murex, Ltd., Rainham, Essex, England*

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ESTABLISHED 1851

TAPIOCA FLOUR

Pure food and industrial grades • Fines • Granules • Flakes • Pearls. Suppliers of Tapioca products for all types of industry. 100 lb. bags to carlot quantities for immediate shipment. Tell us your requirements.

MORNINGSTAR, NICOL INC.

630 WEST 51ST STREET, NEW YORK 19

1770 CANALPORT AVE., CHICAGO 16

SCIENTIFIC STARCH, DEXTRINE AND NATURAL GUM SERVICE

DIAMOND

CHEMICALS FOR LEATHER TANNERS

TANOLIN®

The original one-bath chrome tan, available in 5 types—TANOLIN R, T, KXD, 225, W2XD—varying in basicity, alum and chrome content.

ACIDOLENE®

Sulphonated oil fat liquors for all kinds of leather, including ACIDOLENE N, made of Newfoundland tanked cod oil.

TANNING SALTS AND EXTRACTS

A full line of specialties for specific leathers and finishes.

DIAMOND ALKALI COMPANY

CLEVELAND 14, OHIO

DIAMOND ALKALI CHEMICALS ®

TANNIN see Acid, Tannic

TANNING EXTRACTS

Products obtained from certain barks and woods and used in tanning sole and other heavy leathers, that is, conversion of skins and hides into leather. Various methods, of extraction are employed and the resulting liquors are evaporated to a thick liq. or solid. The active principal is in every case the quantity of tannin present. See also: Chestnut Extract, Divi-Divi, Gambier Extract, Hematine Extract, Hemlock Extract, Mangrove Extract, Catch, Myrobalan Extract, Oak Extract, Quebracho Extract, Sumac Extract, Valonia Extract, etc.

● Pkg—Bbls.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal

American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20

*American Dyewood Co, Main & Joralemon Sts, Belleville, N J

American Firstoline Corp, 420 Lexington Ave, N Y 17

*American Lignite Products Co, P O Box 5, Ione, Cal

*Antara Chem Div, 435 Hudson St, N Y 14

*Bernard Color & Chem Corp, 333 Hudson St, N Y 13

*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill

E & F King & Co, 640 Pleasant St, Norwood, Mass

*Marathon Corp, Chem Div, Rothschild, Wis

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

*Arthur C Trask Co, 4103 S LaSalle St, Chicago 9, Ill

*Zinsser & Co, Hastings-on-Hudson, N Y

TANNING GREASE see Degras

TANSTUFFS, SYNTHETIC

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20

*Antara Chem Div, 435 Hudson St, N Y 14

*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del

*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

*Rohm & Haas Co, 712 Locust St, Phila 5, Pa

*Jacques Wolf & Co, Passaic, N J

TANTALUM, METAL

Ta. M.W. 181.5. Rare metal of the vanadium family. At. No. 73. Gray platinum-like metal. Dens. 16.6. M.P. 2850°C. Insol. alkalies and acids, except hydrofluoric. Uses—as a substitute for platinum, in radio.

● Pkg—Cans/box.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y

*Bram Chem Co, 820 65 Ave, Phila 26, Pa

City Chem Corp, 132 W 22 St, N Y 11

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill

Nopel Corp, 2 Broadway, N Y 4

C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

*Variacoid Chem Co, 116 Broad St, N Y 4

TANTALUM OXIDE

Ta_2O_5. M.W. 442. White powd.; tasteless, odorless. Insol. in most acids except HF. Uses—"rare elements" optical glass, intermediate in prep. of tantalum carbide.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill

*Metallurg Inc, 100 Park Ave, N Y 17

*Shieldalloy Corp Div, 100 Park Ave, N Y 17

*Variacoid Chem Co, 116 Broad St, N Y 4

TAPIOCA DEXTRIN see Dextrin

TAPIOCA FLOUR (Cassava, Manioca, Mandioc, Bahia Arrowroot, Rio Arrowroot)

From roots of Manihot Utilissima and Manihot Aipi. Solid white amorp. Swells with water. Uses—mfr. starch, baked products, confectionery, candies, food prods.; as textile size. Grades—medium; high and low grades under various markings.

Dalton-Cooper, 200 W 34 St, N Y 1

Doe & Ingalls, 56 Garden St, Everett 49, Mass

Dura Commodities Corp, 20 Vesey St, N Y 7

W R Grace & Co, 7 Hanover Sq, N Y 5

*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo

Internatio-Rotterdam, 61 Broadway, N Y 6

*Morningstar, Nicol, 630 W 51 St, N Y 19

*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill

Perkins Glue Co, 609 Cannon Ave, Lansdale, Pa

Welch, Holme & Clark Co, 439 West St, N Y 14

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

TAR CAMPHOR see Naphthalene

TARCANUM see Potassium Sulfate

TAR, COAL

Black liq. from destructive distillation of coal. Sp. gr. 1.08-1.25. Sol. ether, benzene, carbon disulfide, chloroform; partly sol. acetone.

●Pkg—1, 5, 50, 55 gal. drums, 44 lb. carboys.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala

American Firstoline Corp, 420 Lexington Ave, N Y 17

*Barrett Div, 40 Rector St, N Y 6

*Bethlehem Steel Co, E 3 St, Bethlehem, Pa

Chematar Inc, 40 Exchange Pl, N Y 5

*Cole Labs, 42-25 9 St, L I C 1, N Y

*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Colo

Commercial Steel & Chem Corp, 80 Broad St, N Y 4

*Coopers Creek Chem Corp, River Rd, W Conshohocken Pa

*Crowley Tar Products Corp, 267 Madison Ave, N Y 16

*Fallek Products Co, 163 Broadway, N Y 6

*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill

Kolon Trading Co, 15 Park Row, N Y

*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

*Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis

*Neville Co, Neville Island, Pittsburgh 25, Pa

Charles Page & Co, 50 E 42 St, N Y 17

*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg Indianapolis 4, Ind

Republic Chem Corp, 94 Beekman St, N Y 38

*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala

Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

Zophar Mills, 103 26 St, Bklyn 32, N Y

TAR, DAMP-PROOFING

*Barrett Div, 40 Rector St, N Y 6

*Coopers Creek Chem Corp, River Rd, W Conshohocken Pa

*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa

*London Chem Co, 325 W 32 St, Chicago 16, Ill

*Portland Gas & Coke Co, 303 Public Service Bldg Portland 4, Ore

*Zophar Mills, 103 26 St, Bklyn 32, N Y

TAR, PINE

(see also ad on page 626

Black semi-solid. Peculiar terebine odor. From destructive distillation of Pinus palustris. Sp. gr. 1.03-1.07. B.P. 240-400°C. Sol. alcohol, ether, chloroform. Uses—mfr. roofing papers, cements, paints, varnishes, plastics, tar soaps, linoleum, oil-cloth, roofing and asphaltic compositions; paving roads and streets; general preservative; marine purposes. Grades—kiln burnt and retart.

*Godfrey L Cabot, 77 Franklin St, Boston, Mass

Fritzsche Bros, 76 9 Ave, N Y 11

*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20

Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

*T C Wilson Co, 503 Market St, San Francisco 5, Cal

*Zophar Mills, 103 26 St, Bklyn 32, N Y

TAR, WOOD (Hardwood Tar)

Black viscous fluid. Uses—hardwood pitch, wood creosote (medicinals, etc.), heavy, high-boiling wood oils, wood preserving oils, paint thinners.

*Cliffs Dow Chem Co, Wright St, Marquette, Mich

*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20

*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

Zophar Mills, 103 26 St, Bklyn 32, N Y

Reilly

COAL TAR PRODUCTS

Battery Pitch
Bituvia Road Tars and Fillers
Carbon Coke—Coke
Carburizing Compounds
Creosoted Products and Wood Preservatives
Wood Blocks
Ties, Poles
Piling, Lumber
Creosote Paints for Wood Block Floors and other creosoted surfaces
A.R.E.A. Creosote Oil
A.W.P.A. Creosote Oil
Anthracene Oil
Flotation Reagents
Coal Tar Acids and Bases
Coal Tar Oils
Coke Pitch
Crude Carbolic Oils
Coal Tar Wax
Creosote Oil
Linwax, Lyco
Reilly Penetrating Wood Finish
Solwax, Bezol
Transote
Transote—Weathered Grey, Rustic Brown or Green
Termite Control Inhibitors

Paints and Protective Coatings (Pipe Lines, Tanks, etc.)
Aluminum Paint
Centerline Marking Paint
Creosote
Horn Paint
Metal Paint
Reniscote
Steel Deck Paint
Traffic Marking Paint
Bituminous Enamels
Bituminous Pipe Dip Compound
Bituminous Pipe Joint
C. A. No. 40
Coupling Compound
Pipe Line Enamels
Pipe Coatings
Pipe Primer

Tank Linings and Coatings
Roofing and Waterproofing Materials
Cement
Coating
Asphalt
Felt
Pitch
Primers
Tar
Subfloor Tar
Concrete Curing Compound
Concrete Waterproofing Compound
Conduit Pitch
Coal Tar Wax
C. A. No. 5
C. A. No. 50
Asphalt Felt

REILLY manufactures the entire range of Coal Tar Products
15 Plants
24 Sales Offices

REILLY TAR & CHEMICAL CORP.
MERCHANTS BANK BUILDING, INDIANAPOLIS 4, IND

CHEMICALS

FOR ALL INDUSTRIES

NAPHTHALENE
(Crude and Refined)

COAL TAR PRODUCTS
DYESTUFFS
INTERMEDIATES
PIGMENTS

FALCO

Fallek Products Co., Inc.
163 BROADWAY
NEW YORK 6, N. Y.

Cable Address: "Falcoprod"

Chas. Page & Co., Inc.

50 E. 42nd STREET, NEW YORK 17, N. Y.
VA 6-0903 CABLES: NINIPAGA

Industrial Chemicals
Coal Tar Products
Fertilizer & Feedstuffs

CHAS. PAGE & CO., LTD.

52 GROSVENOR GARDENS
SLOANE 8151
LONDON S. W. I. ENGLAND
CABLES: PAGANINI

also at Manchester & Glasgow
ESTABLISHED 1880

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

AROMATIC TARS

High-boiling, unsaturated, aromatic-type hydrocarbon polymer. Important advantage is economy, especially where color is relatively unimportant. Used in low-cost paints and varnishes, bituminous paints, printing inks, core oils, saturating asphalts, flotation oils, soil sterilizers, wood preservatives, manufacture of carbon black.

Write or phone for further information

Be sure to specify

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

TARS, AROMATIC

*Enjay Co, 15 W 51 St, N Y 19
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portand 4, Oregon

TARS, FISH NET

*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Co, 1615 Merchants Bank Bldg, Indianapolis 4, Ind
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Zophar Mills, 103 26 St, Bklyn 32, N Y

TARS, MOLD WASH

*Barrett Div, 40 Rector St, N Y 6
*Neville Co, Neville Island, Pittsburgh 25, Pa

TARS, ROAD

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
Bergstrom Trading Co, 233 Broadway, N Y 7
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
*Calco Chem Div, Bound Brook, N J
Chematar Inc, 40 Exchange Pl, N Y 5
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Cornwell Chem Corp, 24 E 38 St, N Y
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
Kolon Trading Co, 15 Park Row, N Y
L J & M La Place, Leliarts Lane, E Paterson, N J
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
*Tennessee Products & Chm Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

TARS, SATURATING

*Barrett Div, 40 Rector St, N Y 6
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon

TARS, WATERPROOFING

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Zophar Mills, 103 26 St, Bklyn 32, N Y

TARTAR EMETIC see Antimony Potassium Tartrate

TARTARUS see Potassium Tartrate

TARTARUS VITRIOLATUS see Potassium Sulfate

TARTRATED ANTIMONY see Antimony Potassium Tartrate

TAURINE

$NH_2CH_2CH_2SO_3H$. M.W. 125.14. White monoclinic crystalline solid. M.P. 240°C with decomp. Uses—mfr. of wetting agents, organic synthesis, pharmaceuticals.

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal

TELLURINE see Diatomaceous Earth

TELLURITE see Tellurium Oxide

TELLURIUM DIOXIDE see Tellurium Oxide

TELLURIUM, METAL (Sylvanium)

Te. Dark-gray, crystalline or amorp. powd., non-metallic element. Sp. gr. 6.25. M.P. 451°C. B.P. 1390°C. Sol. conc. sulfuric acid, nitric acid, potassium hydroxide, and potassium cyanide solutions. Uses—mfr. tellurium compounds, alloys; in ceramics and photography; as chemical catalyst; in medicine. Grades—tech. ●Pkg—Cases.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co 600 Ferry St, Newark 5, N J
Faesy & Besthoff, 325 Spring St, N Y 13
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y

TELLURIUM OXIDE (Tellurium Dioxide, Tellurite)

TeO_2. M.W. 159.61. White, odorless crystals. Sp. gr. 5.89. M.P. 700°C. Sublimes 450°C. Sl. sol. water, dilute acids; sol. conc. acids and alkalies. Forms unstable salts with HNO_3 and H_2SO_4. Grades—C.P.

*Bios Labs, 17 W 60 St, N Y 23
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J

TEREBENTHENE see Turpentine Spirits

TERMINALA CHEBULA see Myrobalan Extract

TERPENE see Dipentene

TERPIN HYDRATE (Dipentene Glycol)

$C_{10}H_{24}O_2 \cdot H_2O$. Uses—drugs; raw material for terpineol. ●Pkg—25, 100 lb. drums, 50 lb. bags.

J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Lack Chem Co, 19 Park Pl, N Y 7
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Seydel Chem Co, 225 Mercer St, Jersey City 2, N J
G A Wharry Co, 95 Broad St, N Y 4

CABOT *Pine Products*

- *pine tar*
  LIGHT
  MEDIUM
  HEAVY
- *pine tar oil*
- *pine oil*
- *dipentene*

CABOT Pine Products are thoroughly analyzed and tested by the Cabot Laboratories for uniform, high quality performance in rubber. Staffed by trained technicians, the fully-equipped Cabot Laboratories offer you complete technical service.

CABOT

Quality Control . . . Dependable Supply . . . Technical Service . . .

GODFREY L. CABOT, INC.
77 FRANKLIN ST., BOSTON 10, MASS.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

TERPINEOL

$C_{10}H_{18}O$. M.W. 154.24. Colorless liq., lilac odor. Uses—perfumery.
● Pkg—Drums.

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
American-British Chem Supplies, 180 Madison Ave, N Y 16
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Newport Industries, 230 Park Ave, N Y 17
*S B Penick & Co, 50 Church St, N Y 7
*Polak's Frutal Works, Middletown, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
G A Wharry Co, 95 Broad St, N Y 4

a-TERPINEOL

$C_{10}H_{18}O$. M.W. 154.14. Transparent, colorless cryst. Sp. gr. at 15.5°C, 0.939. M.P. 35°C (pure), 25-30° C (tech.). B.P. 219°C. Insol. in water; sol. in alcohol and ether. Uses—mfr. synth. perfumes, terpin hydrate, liq. terpineol, dipentene; in detergents; solvent for resins; denaturant for alcohol; medicinal and pharmaceutical preps. Grades—tech.
● Pkg—Drums.

*Crosby Chem, P O Box 32, De Ridder, La
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Newport Industries, 230 Park Ave, N Y 17
G A Wharry & Co, 95 Broad St, N Y 4

TERRA ALBA (White Clay) —see also Kaolin

$CaSO_4 2H_2O$. A finely pulverized powd. made from selected gypsum. Uses—mfr. paints, paper, artificial marble, composition plastics, wall plastics, etc.

Hammill & Gillespie, 225 Broadway, N Y 7
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*United States Gypsum Co, 300 W Adams St, Chicago 6, Ill

TERRA CARIOSA see Rotten Stone

TERRA JAPONICA see Cutch

TERRA MERITA see Turmeric

TERRA PONDEROSA see Blanc Fixe

TERRA SILICEA see Diatomaceous Earth

TESTOSTERONE

$C_{19}H_{28}O_2$. M.W. 288.22. White crystalline powd. Uses—in medicine as the male sex hormone.
● Pkg—Bottles.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Roland Corp, 16 Hudson St, N Y
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
Clifford Chem Div, 170 Broadway, N Y 38
Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Organics Inc, 1724 W Greenleaf, Chicago 26, Ill
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal-Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Sterone Corp, 250 W 57 St, N Y 19

TESTOSTERONE PROPIONATE

$C_{22}H_{32}O_3$. M.W. 344.48. Solid. M.P. 118°-122° C. Uses—in medicine as a male sex hormone.
● Pkg—Bottles.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Bios Labs, 17 W 60 St, N Y 23
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa

NIAGARA for NIAGATHAL

(Tetrachloro Phthalic Anhydride)

Specify NIAGATHAL for tetrachloro phthalic anhydride that will give best results in your processes because its quality—the best—never varies.

NIAGARA ALKALI COMPANY

60 East 42nd Street, New York 17, New York

NIALK® Liquid Chlorine • NIALK Caustic Potash • NIALK Carbonate of Potash
NIALK Caustic Soda • NIALK Paradichlorobenzene • NIALK TRICHLORethylene
NIAGATHAL® (Tetrachloro Phthalic Anhydride)

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Glidden Co, Soya Products Div, 1825 N Laramie Ave, Chicago 39, Ill
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Organics Inc, 1724 W Greenleaf, Chicago 26, Ill
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal-Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
*Schering Corp, 2 Broad St, Bloomfield, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterol Derivatives, 3626 Medford St, Los Angeles 63, Cal
Sterone Corp, 250 W 57 St, N Y 19

TETRABROMOETHANE see Acetylene Tetrabromide

TETRA BROMO FLUORESCEIN

● Pkg—100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y
*Thomasset Colors, 338 Wilson Ave, Newark 5, N J

TETRABROMO-m-CRESOL-SULFONPHTHALEIN see Bromocresol Green

TETRABROMOPHENOLSULFONPHTHALEIN see Bromophenol Blue

TETRACHLORETHANE

● Pkg—55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7

TETRACHLORMETHANE see Carbon Tetrachloride

TETRACHLOROBENZENE 1:2:4:5

$C_6H_2Cl_4$. M.W. 215.9. White crystalline solid, almost no odor. Uses—impregnant for fire and moisture resistance, electrical insulation, etc.; insecticides; chemical intermediate.
● Pkg—200 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Solvay Process Div, 61 Broadway, N Y 6

TETRACHLOROETHANE see Acetylene Tetrachloride

TETRACHLOROETHYLENE (Carbon Bichloride, Carbon Dichloride, Perchlorethylene)

$ClCl_2.CCl_2$. M.W. 165.83. Colorless non-inflammable liq., ether-like odor. Lbs./gal. 13.5. Sp. gr. 1.632. F.P. —22.4°C. B.P. 120.8°C. V.D. at 15°C., lbs./cu. ft. 0.438. Latent Heat of Vap., B.T.U./lb. 90.1. S.H. Cal./Kg./°C. or B.T.U./lb./°F., 216 at 20°C. Sol. alcohol, ether; insol. water. Uses—mfr. dry cleaning soaps, detersive compounds, organic preps., as dry-cleaning solvent; in organic synthesis, as general solvent. Grades—tech.
● Pkg—5, 10, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 470 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Diamond Alkali Co, 308 Union Commerce Bldg, Cleveland 14, Ohio
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*E I Du Pont de Nemours & Co, Electrochem Dept, Wilmington 98, Del
Ecclestone Chem Co, 2669-79 Guoin St, Detroit 7, Mich
Faesy & Besthoff, 325 Spring St, N Y 13
Alex C Fergusson Co, 44 E Oregon Ave, Phila 48, Pa
William S Gray & Co, 342 Madison Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
L J & M La Place, Leilarts Lane, E Paterson, N J
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore

TETRACHLOROPHENOL SULFONPHTHALEIN see Chlorophenol Blue

2,4,5,6-TETRACHLOROPHENOL

C_6HCl_4OH. M.W. 231.8. Brown solid with characteristic phenol odor. Sp. gr. 1.65 at 60/4°C. Sol. sodium hydroxide solutions, most organic solvents; insol. water. Uses—as a fungicide; as a wood preservative.
● Pkg—100, 200 lb. drums.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Dow Chem Co, Midland, Mich

TETRACHLOROPHTHALIC ANHYDRIDE

$C_6Cl_4(CO)_2O$. M.W. 285.9. M.P. 254-255°C. B.P. approx. 362°C. White odorless powd. Uses—intermediate.
● Pkg—Bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Niagara Alkali Co, 60 E 42 St, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

TETRADECANOL

$C_6H_{13}CH(C_2H_5)C_2H_4CH(OH)CH_2CH(CH_3)_2$. M. W. 214.38. B.P. 264°C. Mild odor, stable. Uses—anti-foaming agent; intermediate in mfr. of plasticizers, perfume esters, cosmetic bases, dyestuffs, wetting agents, detergents, flotation agents, and insecticides.
● Pkg—1 gal. cans, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Humphrey-Wilkinson, DeVine St, N Haven, Conn

tert-TETRADECYL MERCAPTAN

$C_{14}H_{29}SH$. M.W. 230.90. B.R. 116-138°C. Uses—rubber modification, chemical intermediate.
● Pkg—Quart, 1 gal. bottles, 5, 55 gal. drums.
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

TETRAETHANOLAMMONIUM HYDROXIDE

$(HOCH_2CH_2)_4NOH$. M.W. 211.18. M.P. 123°C White, crystalline solid. Sol. water. Uses—alkaline catalyst which can be destroyed by heating the reacting mix; solvent for certain dyes.
● Pkg—1 gal. cans, 5, 55 gal. drums.

TETRAPROPYLENE

Consists mainly of the tetramer, with small percentages of C_{11} and C_{18} olefins. Most useful for the alkylation of such aromatic hydrocarbons as benzene, toluene, xylene, and naphthalene, and phenolic materials such as phenol and cresol. A preferred material in a number of synthetic methods for making higher alcohols, mercaptans, alkyl halides, and other widely used products.

Write or phone for further information

BE SURE TO SPECIFY

ENJAY

ENJAY COMPANY, INC.
15 West 51st St.
New York 19, N. Y.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TETRAETHYL PYROPHOSPHATE

$(C_2H_5O)_4P_2O_7$. M.W. 354. Viscous liq. Sol water. Uses—powerful insecticide.
● Pkg—1 gal. jugs, 5 gal. cans, 50, 55 gal. drums.
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Associated Sales & Supply Co, 5137 Southwest Ave, St Louis 10, Mo
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*John Powell & Co, 1 Park Ave, N Y 16
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Westvaco Chem Div, 161 E 42 St, N Y 17

TETRAETHYL o-SILICATE see Ethyl Silicate

TETRAETHYL THIURAM DISULFIDE

$[(C_2H_5)_2NCS_2]_2$. M.W. 296.52. Cream color. Uses—vulcanizing agent; primary or secondary accelerator; retarder for Neoprene.
● Pkg—5, 50, 100, 150 lb. drums.
*E I Du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Lack Chem Co, 19 Park Pl, N Y 7
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Polychemical Co, 494 Hunts Point Ave, N Y 59
*Sharples Chem, 123 S Broad St, Phila 9, Pa
R T Vanderbilt Co, 230 Park Ave, N Y

TETRAETHYLENE GLYCOL ESTERS

*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

TETRAHYDROFURANE

$(H_2C)_2:O:(CH_2)_2$. M.W. 76.09. B.P. 42°C. Water-white; chloroform odor. Uses—solvent for cellulose esters, alkyd resins, syntls, rubber, vinyls; intermediate in synthesis of adipic and succinic acids.
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I Du Pont de Nemours & Co, Electrochem Dept, Wilmington 98, Del

TETRAHYDROFURFURYL OLEATE

● Pkg—1, 5, 55 gal. drums.
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

TETRAHYDRONAPHTHALENE

● Pkg—440 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

MONSANTO
NIFOS-T
(MONSANTO TETRAETHYL PYROPHOSPHATE, TECHNICAL)

Effective in insecticide formulations for the control of agricultural pests. Spray solutions and emulsions easily made.
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CHEMICALS—PLASTICS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

TETRAHYDROPHTHALIC ANHYDRIDE

● Pkg—1 gal. cans, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*National Aniline Div, 40 Rector St, N Y 6
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn

TETRAHYDROPHTHALIMIDE

● Pkg—200 lb. drums.
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

TETRAHYDROPYRAN (Pentamethylene Oxide)

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TETRAHYDROXYQUINONE

$C_6O_2(OH)_4$. M.W. 172.1. Black cryst. Uses—sulfate titration indicator. L. Sol. water, alcohol; sl. sol. ether.
● Pkg—Custom packed.
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

TETRALONE

*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

TETRAMETHYLAMIDOPHENTHIAZINIUM see Methylene Blue

TETRAMETHYL THIURAM DISULFIDE

● Pkg—Drums.
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Sharples Chem, 123 S Broad St, Phila 9, Pa
R T Vanderbilt Co, 230 Park Ave, N Y

TETRAMETHYLENE DIBROMIDE

● Pkg—Bottles.
*Algo Chem Co, 1027 Deacon St, Detroit 17, Mich
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*Sapon Labs, 543 Union St, Bklyn 15, N Y

TETRAMETHYLTHIONINCHLORHYDRATE see Methylene Blue

TETRANE see Butane

TETRAOXYPHTHALOPHENONANHYDRIDE see Fluorescein

TETRAPHENYL STANNANE see Tetraphenyl Tin

TETRAPHENYL TIN (Tetraphenyl Stannane)

$(C_6H_5)_4Sn$. M.W. 427. M.P. 228°C. B.P. 424°C. Practically odorless, white to light tan fine, free flowing cryst. Uses—HCl scavenger for use with stabilizers in chlorinated compounds; preservative for mineral oils; reagent in chemical synthesis.
● Pkg—150 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Metal & Thermit Corp, 100 E 42 St, N Y 17

TETRAPHOSPHORUS TRISULFIDE see Phosphorus Sesquisulfide

TETRAPOTASSIUM PYROPHOSPHATE

$K_4P_2O_7$. M.W. 330.48. White powd. Somewhat hygroscopic in air. Solubility in 190 g. in 100 g. H_2O @ 25°C. (Solubility for tetrasodium pyrophosphate is 8 g. in 100 g. H_2O @ 25°C). Uses—with textile oils and soaps, degumming oils, soap builder for liq. soaps and shampoos, dyeing and penetrating oils.
● Pkg—100 lb. bags.
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
Chemical Mfg Co, 444 Madison Ave, N Y 22
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

TETRAPROPYLENE

*Enjay Co, 15 W 51 St, N Y 19
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

TETRASODIUM ETHYLENEDIAMINE TETRAACETATE

$(NaOOCCH_3)_4(CH_2N)_2 \cdot 2H_2O$. M.W. 416. White crystalline powd. Sol. water. Uses—soap clarifier; complexing agents for alkali earths and heavy metals.

*Alrose Chem Co, Box 1294, Providence 1, R I
*Bersworth Chem Co, 875 Waverly St, Framingham, Mass
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y

TETRASODIUM MONOPOTASSIUM TRIPOLYPHOSPHATE

$Na_4KP_3O_{10}$. Wt. 384. Melting point: 580-600° C. Density, 2.55. A white crystalline solid. Uses: As a builder for soaps or synthetic detergents, a sequestrant, and as a deflocculating agent for water suspensions of solid particles.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Westvaco Chem Div, 161 E 42 St, N Y 17

TETRAZOLIUM, BLUE

● Pkg—Bottles.

*Dajac Labs, 511 Lancaster St, Leominster, Mass
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y

TEXTILE SPECIALTIES

*Alrose Chem Co, Box 1294, Providence 1, R I
*Apex Chem Co, 225 W 34 St, N Y 1
*Arabol Mfg Co, 110 E 42 St, N Y 17
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlas Powder Co, Wilmington 99, Del
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Castle Color & Chem Co, 24 W 45 St, N Y 19
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids, Inc, 394 Freilinghuysen Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
Elbert & Co, 2 Brodaway, N Y 4
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
Kem Products Co, 227-229 High St, Newark 2, N J
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
M Michel & Co, 90 Broad St, N Y 4
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Starch Products, 270 Madison Ave, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Penetone Co, Tenafly, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Ultra Chem Works, 2 Wood St, Paterson, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J

TEXTILE WEIGHTING COMPOUNDS

*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emkay Chem Co, 319 2 St, Elizabeth, N J
*Joy Chem, 133 Webster St, Pawtucket, R I
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*National Starch Products, 270 Madison Ave, N Y
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

THALLIUM ACETATE

● Pkg—Bottles.

*Chemical Commerce, 166 Clifford St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM CHLORIDE

TlCl. White, crystalline powd. Becomes violet on exposure to light. Sp. gr. 7. M.P. 430°C. Uses—tungsten lamps, medicine; catalyst in chlorination processes.

● Pkg—Bottles

*Chemical Commerce, 166 Clifford St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM FORMATE

● Pkg—Bottles

*Chemical Commerce, 166 Clifford St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM IODIDE

● Pkg—Bottles

*Chemical Commerce, 166 Clifford St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM METAL

Tl. M.W. 204.39. Sp. gr. 11.85. M.P. 302°C. B.P. 1457 ±10°C.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM SALTS

Amend Drug & Chem Co, 117 E 24 St, N Y 10
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Chemical Commerce, 166 Clifford St, Newark 5, N J
*City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*International Selling Corp, 122 E 42 St, N Y 17
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
*Variacoid Chem Co, 116 Broad St, N Y 4

THALLIUM(ous) SULFATE

Tl_2SO_4. Solid white or colorless powd. Sp. gr. 6.76. M.P. 632°C. Sol. water. Uses—chemical catalyst; in alloys; as a rat poison; insecticide; in photoelectric cells; for treating fabrics to prevent attacks of insects and mildew; in medicine; in glass mfr.; to prolong life in tungsten lamps; as an anti-knock addition to motor fuel. Grades—tech.

● Pkg—10 x 2.5 bottles/case

American-British Chem Supplies, 180 Madison Ave, N Y 16
European Chem Co, 366 Broadway, N Y 13
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Failek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*International Selling Corp, 122 E 42 St, N Y 17
Philipp Bros, Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
*Variacoid Chem Co, 116 Broad St, N Y 4

THEINE see Caffeine

THENARD'S BLUE see Cobalt Blue

MANUFACTURED and RECOMMENDED by

Kali

- Sizes for Acetate, Rayon, Nylon
- Water Repellents for all type fabrics
- Oils for coning Rayon or Nylon —or Wool Spinning oils
- Quick wetting or rewetting agents
- Cutting Oils, Carburizing Compounds
- Heat Treating Compounds
- Metal Blackening Compounds
- or any specialties for the Textile or Metal Trades

Kali
MANUFACTURING CO.
427 Moyer St. Philadelphia 25, Pa.

INDUSTRIAL AND REAGENT CHEMICALS

THALLIUM SALTS

Acetate
Bromide
Chloride
Formate
Iodide
Malonate
Nitrate
Oxalate
Oxide
Sulfate

Other Compounds Prepared to Order

CITY CHEMICAL CORP.
132 W. 22nd St., New York 11, N.Y.
WA 9-2723

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

MONSANTO THENYLPYRAMINE HYDROCHLORIDE

Specifications: White or yellowish-white crystals; assay 99.0% min.; ash 0.05% max.; loss on drying at 100°C. 0.5% max.; M.P. 160.0°C. min. to start; mesh size—trace max. retained on 40 mesh; Heavy Metals 20 ppm max. Thenylpyramine fumarate and chlorothenylpyramine citrate also available.

MONSANTO CHEMICALS–PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
St. Louis 1, Missouri

SERVING INDUSTRY...WHICH SERVES MANKIND

Importers, exporters and manufacturer's agents for fine and industrial chemicals and solvents including:

- Theophylline
- Caffeine
- Lactose
- Alkoloids
- Hormones
- Botanicals
- Theobromine
- Antibiotics
- Brucine
- Hexamethylenetetramine USP
- Calcium Lactate
- Pepsin

SAMRAK EST. 1889

FRANK SAMUEL & Co. inc.
Chemical Division
24 STATE STREET, NEW YORK 4, N.Y.
CABLES N.Y. SAMARAK
PLANT CONSHOHOCKEN, PA
PHONE WH 4-8092

Fine Chemicals BPC

Theophylline

BENZOL PRODUCTS CO.
237 SOUTH STREET NEWARK 5, N. J.

THENYLPYRAMINE HYDROCHLORIDE

*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

THEOBROMINE (3,7 Dimethylxanthine)

$C_7H_8O_2N_4$. M.W. 180. White bitter crystalline powd. Uses—medicine.

*American Quinine Co, 15 William St, N Y 5
American Roland Corp, 16 Hudson St, N Y
J T Baker Chem Co, Phillipsburg, N J
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Works, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

THEOBROMINE SODIUM SALICYLATE (Diuretin)

Mixture of sodium theobromine and sodium salicylate in molecular proportions, containing 1 H_2O. White, odorless or nearly odorless, hygroscopic powd. Sol. water; sl. sol. alcohol. Uses—medicine, veter. medicine.
● Pkg—25, 100 lb drums

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
*Fine Organics, 211 E 19 St, N Y 3
*Gane & Ingram, 43 W 16 St, N Y 11
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vasey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19

THEOCIN see Theophylline

THEOPHYLLINE (Theocin, 1,3-Dimethylxanthine)

$C_7H_8O_2N_4.H_2O$. M.W. 198.11. White, odorless, bitter crystalline powd. Uses—in medicine as diuretic.
● Pkg—1, 5 lb. tins, 25, 100 lb. drums

American Roland Corp, 16 Hudson St, N Y
Phillip Bauer Co, 608 5 Ave, N Y 20
*Benzol Products Co, 237 South St, Newark 5, N J
F L Bodman Co, 608 Wilford Bldg, 33 & Arch Sts, Phila 4, Pa
*Edward S Burke, 65 Pine St, N Y 5
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Clifford Chem Div, 170 Broadway, N Y 38
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Gane's Chem Works, 677 5 Ave, N Y 22
*Gane & Ingram, 43 W 16 St, N Y 11
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Henley & Co, 801 2 Ave, N Y 17
*B L Lemke & Co, 199 Main St, Lodi, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
Millmaster Chem Corp, 11 W 42 St, N Y 36
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11

THEOPHYLLINE ETHYLENEDIAMINE see Aminophylline

THIAMINE HYDROCHLORIDE see Vitamin B_1

THICKENERS, LATEX

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*Apex Chem Co, 225 W 34 St, N Y 1
*Dow Chem Co, Midland, Mich
*General Latex & Chem Corp, 664 Main St, Cambridge 39, Mass
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
Kem Products Co, 227-229 High St, Newark 2, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Shawinigan Products Corp, 350 5 Ave, N Y 1

THICKENING AGENTS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Hayes Adhesives Co, Union Blvd at Brown Ave, St Louis 15, Mo
*Johns-Manville, 22 E 40 St, N Y 16
*Kelco Co, 31 Nassau St, N Y 5
Kem Products Co, 227-229 High St, Newark 2, N J
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*M Michel & Co, 90 Broad St, N Y 4
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Morningstar, Nicol, 630 W 51 St, N Y 19

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Paisley Products, 1770 Canalport Ave, Chicago 16, Ill
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Seaplant Chem Corp, 63 David St, New Bedford, Mass
*Shawinigan Products Corp, 350 5 Ave, N Y 1
*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*R T Vanderbilt Co, 230 Park Ave, N Y
*Jacques Wolf & Co, Passaic, N J

THINNERS, PAINT, VARNISH, LACQUER

Volatile liq. whose principal use is to reduce paint, varnish or lacquer to the desired consistency for brushing or spraying, which evaporate when the film is applied to a surface. Additional factors are: solvent action, dispersive effect, rate of evaporation, effect of storage, residue after evaporation, wetting action, odor, toxic effect, effect on brushing and leveling, effect on viscosity, etc.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Baer Bros, 438 W 37 St, N Y 18
*J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
*Bell Chem Co, 25 W 44 St, N Y 36
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
William S Gray & Co, 342 Madison Ave, N Y 17
*Howe & French, 99 Broad St, Boston, Mass
*Lacquer Specialties, 249 Ave P, Newark 5, N J
*J Landau Co, 221 Wooster St, N Y 12
*L J & M La Place, Leliarts Lane, E Paterson, N J
*Lewis Chem Co, 400 Northampton St, Boston, Mass
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*National Chem & Plastics Co, 1424 Philpot St, Baltimore 31, Md
*Neville Co, Neville Island, Pittsburgh 25, Pa
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
*Potter Paint Co, 21 Crawford St, Cortland, N Y
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*George Senn Inc, 2200 E Westmoreland St, Phila 34, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
*Shell Oil Co, 50 W 50 St, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shuman Chem Products, Industrial Village, 20 Factory St, Cedar Grove, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
*Sun Oil Co, 1608 Walnut St, Phila 3, Pa
*Sunnyside Oil Co, 2212 W Sunnyside Ave, Chicago 25, Ill
*Texas Solvents & Chem Co, 8501 Market St, Houston 15, Tex
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

THIOCARBAMIDE see Thiourea

THIOCARBANILIDE (Sulfocarbanilide, a-b-Diphenylthiourea)

$CS(NHC_6H_5)_2$. Colorless crystalline leaflets. Sp. gr. 1.3205. M.P. 154°C. Sol. alcohol, ether. Uses—mfr. sulfur dyes, indigo, intermediate chemicals, alein pharmaceuticals; as vulcanization accelerator. Grades—tech. 99.5%; lump; powd.
● Pkg—50 lb. bags, 200 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

THIODIETHYLENE GLYCOL (Thiodiglycol, Di-2-Hydroxyethyl Sulfide)

$HOCH_2CH_2SCH_2CH_2OH$. M.W. 122.18. Non-volatile; hygroscopic; practically colorless. Sol. water. Uses—in printing with vat dyestuffs; pasting basic dyestuffs, such as indulines and nigresines, difficult to dissolve.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17

THIODIGLYCOL see Thiodiethylene Glycol

THIODIPHENYLAMINE see Phenothiazine

THIOGLYCEROL (Thioglycerin)

$HSCH_2CHOHCH_2OH$. M.W. 108.15. Colorless, viscous liq. B.P. 100°C at 1 mm. Uses—mfr. of permanent wave solution and depilatories.
● Pkg—1, 6½, 13 gal. carboys.

*Bios Labs, 17 W 60 St, N Y 23
J H DeLamar & Son, 461 W Erie St, Chicago 10, Ill
*Evans Chemetics, 250 E 43 St, N Y 17

THIONYL CHLORIDE

$SOCl_2$. Colorless liq. B.P. 78°C. Decomp. in water. Uses—chlorinating agent in making intermediates, organic chemicals, dyestuffs, pharmaceuticals, and acid chlorides.
● Pkg—725 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

THIOPHENE

*Algo Chem Co, 1027 Deacon St, Detroit 17 Mich
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20

2-THIOPHENE ALDEHYDE

C_4H_3SCHO. M.W. 112.14. Colorless to faintly yellowish liq.; odor similar to benzaldehyde. Sensitive to light and oxygen. Uses—research in pharmaceuticals perfume, dyes, rubber additives, photographic chemicals.

*Algo Chem Co, 1027 Deacon St, Detroit 17 Mich
*Bios Labs, 17 W 60 St, N Y 23
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

THIOPHOSPHORIC ANHYDRIDE see Phosphorous Pentasulfide

THIOSEMICARBAZIDE (Amino Thiourea)

$NH_2CSNHNH_2$. M.W. 91.13. White crystalline powd. Uses—reagent for ketones and certain metals; photography; rodenticide nontoxic to humans.
● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*B L Lemke & Co, 199 Main St, Lodi, N J
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

THIOURACIL

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

THIOUREA (Thiocarbamide, Sulfourea)

$NH_2CS.NH_2$. White, solid crystalline. Sp. gr. 1.406. M.P. 180°C. Sublimes at 150-160°C. Sol. cold water ammonium thiocyanate solution, and ether. Uses—mfr intermediates, rayon, synth. pharmaceuticals dyestuffs, artificial resins; photographic developer; as insecticide: in medicine; sulfide coating mirrors. Grades—tech.
● Pkg—75 lb. bags.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Bios Labs, 17 W 60 St, N Y 23
*Calco Chem Div, Bound Brook, N J
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Failek Products Co, 163 Broadway, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Philipp Bros Chem, 37 Wall St, N Y 5
*John Powell & Co, 1 Park Ave, N Y 16
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
Sterone Corp, 250 W 57 St, N Y 19

THORIUM NITRATE

$Th(NO_3)_4+4H_2O$. White crystalline masses. Decomp. on heating. Sol. water, alcohol. Uses—mfr. gas mantles, thorium compounds. Grades—tech.; C.P.
● Pkg—12 x 12 lb. bottles/case.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17

ALGO
REGISTERED U.S. PAT. OFFICE
ALGO CHEMICAL COMPANY
Chemical Manufacturer
THIOPHENE DERIVATIVES
CROTONIC DERIVATIVES
AMINO ACIDS
Organo-Flouro-Compounds
ORGANIC INTERMEDIATES
CUSTOM SYNTHESIS
ALGO CHEMICAL COMPANY
1027 DEACON STREET
DETROIT 17, MICHIGAN

KELTEX®
MODERN ALGIN THICKENING AGENT
for Textile Printing Pastes
CONTROLLED VISCOSITY • ECONOMICAL • FREE OF GRIT
Use KELTEX for clean printing, true color, perfect penetration, easily regulated flow. Requires only a light rinse for removal.
KELCO COMPANY
20 N. Wacker Drive, CHICAGO 6, ILL. | 31 Nassau Street, NEW YORK 5, N. Y. | 530 W. Sixth Street, LOS ANGELES 14, CAL.
Cable Address: KELCOALGIN—New York

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Baker CHEMICAL

STANNOUS CHLORIDE

(Tin Crystals)

and

STANNIC CHLORIDE

J. T. BAKER CHEMICAL CO.
Phillipsburg, N. J.
NEW YORK • CHICAGO • PHILADELPHIA
LOS ANGELES • TORONTO

MANUFACTURERS OF

TIN CHEMICALS

Sodium Stannate
Stannous Chloride (Anhydrous)
Stannous Sulphate
Stannous Oxalate
Stannous Oxide
Tin Oxide
Tin Tetrachloride
Organo Tin Chemicals
Potassium Stannate
Barium Stannate

METAL & THERMIT CORPORATION

100 EAST 42nd STREET

NEW YORK 17, N. Y.

See Our Catalog Ad

THORIUM OXIDE

ThO_2. M.W. 264.12. White powd. Insol. cold acid, water. Uses—in refractories, glass, thoriated tungsten filaments.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Fleischman, Burd & Co, 22 W 48 St, N Y 36
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Lindsay Chem Co, 258 Ann St, W Chicago, Ill
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Rare Earths, Box 488, Rd #4, Paterson, N J
George F Smith, 60 E 42 St, N Y 17

THYME CAMPHOR see Thymol

THYMIODE see Thymol Iodide

THYMIODOL see Thymol Iodide

THYMODIN see Thymol Iodide

THYMOL (Thyme Camphor, Isopropylmetacresol, Thymic Acid, Methylpropylphenol, p-Propylmetacresol, Hydroxy-p-Cymene, Methylhydroxyisopropyl Benzene)

$C_6H_3(CH_3)OH(C_3H_7)$. M.W. 150.11. Colorless cryst., aromatic odor. Sp. gr. 0.969. M.P. 51.5°C. B.P. 231.8°C. Sol. alcohol, carbon disulfide, chloroform, oils, alkali, ether; sl. sol. water, glycerine. Uses—mfr. thymol derivatives, perfume prepn., cosmetics, toilet articles, tooth powd.: laboratory reagent; food preservative; embalming; microscopy; in medicine. Grades—U.S.P.; tech.

●Pkg—25, 50, 100 lb. drums.

American Quinine Co, 15 William St, N Y 5
J T Baker Chem Co, Phillipsburg, N J
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Chemtech Products Corp, 801 2 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
Henley & Co, 801 2 Ave, N Y 17
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*United States Menthol, R D 1, Box 75, Newton, N J

THYMOL BLUE (Thymol Sulfonplithalein)

$C_{27}H_{30}O_5S$. M.W. 466.5. Green to brownish green crystalline powd., characteristic odor. Uses—pH indicator - pH range 1.2 (red) to 2.8 (yellow) and 8.0 (yellow) to 9.6 (blue).

●Pkg—Custom packed.

City Chem Corp, 132 W 22 St, N Y 11
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

THYMOL IODIDE (Dithymol Diiodide; Aristol; Annidalin; Thymotol; Iodistol; Iodohydromol; Iodosol; Iosol; Iothymol; Thymiode; Thymiodol; Thymodin)

●Pkg—25 lb. drums.

J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Edwal Labs, Ringwood, Ill
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*United States Menthol, R D 1, Box 75, Newton, N J

THYMOL PHTHALEIN

$O.CO.C_6H_4C:(C_{10}H_{13}O)_2$. M.W. 430.38. Colorless needles. Uses—reagent, indicator.

●Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19th St, N Y 3
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6

THYMOL SULFONPHTHALEIN see Thymol Blue

THYMOTOL see Thymol Iodide

TIN CHLORIDE (Stannous Chloride, Tin Crystals, Stannochlor, Tin Protochloride, Tin Dichloride)

$SnCl_2$ (Stannochlor, Anhydrous Stannous Chloride). White. M.P. 246°C. B.P. 632°C. Uses—in organic reactions and fused salt tinning; $SnCl_2.2H_2O$ (Tin Crystals). M.P. 37.7°C. B.P. decomp. Sol. in water and tartaric acid. Uses—mfr. lakes, inks; mordant; ceramic glazes; silvering glass mirrors; tin electroplating; reducing agent intermediates, organic chemicals, dyestuffs. Grades—tech.

●Pkg—100 lb. kegs, 100, 400, 625 lb. bbls., drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*General Chem Div, 40 Rector St, N Y 6
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Metal & Thermit Corp, 100 E 42 St, N Y 17
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17

TIN FLUOBORATE (Stannous Fluoborate)

$Sn(BF_4)_2$. M.W. 292.3. 47% solution. Colorless liq. Uses—in tin and tin alloy plating baths; sensitizing plastic before silver plating.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

TINKAL see Sodium Borate

TIN, METAL

●Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Charles Gitlan & Co, 25 Beaver St, N Y 4
Internatio-Rotterdam, 61 Broadway, N Y 6
International Selling Corp, 122 E 42 St, N Y 17
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*National Lead Co, 111 Broadway, N Y 6
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

TIN NAPHTHENATE

M.W. 580 average. 20% metal. Amber-brown solid, sol. hydrocarbons. Uses—anti-oxidant and sludge preventive in lube oils.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

TIN OLEATE

City Chem Corp, 132 W 22 St, N Y 11
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

TIN OXALATE (Stannous Oxalate)

SnC_2O_4. White powd. Sol. in moderately strong hydrochloric acid. Uses—coal hydrogenation catalyst: also in dyeing and printing. Grades—tech.; C.P.

●Pkg—Custom packed.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
*Metal & Thermit Corp, 100 E 42 St, N Y 17

TIN OXIDE (Stannic Oxide, Tin Dioxide, Tin Ash)

SnO_2. White powd. Sp. gr. 6.6-6.9. Infusible sublimes at around 1550°C. Sol. fused alkalies. Uses—in ceramic stains and as a white glaze opacifier; polishing agent for marble and granite; putty powd. Grades—tech., C.P.

●Pkg—25, 50, 100, 400, 500 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L J & M La Place, Lellarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Metal & Thermit Corp, 100 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

TIN POWDER

Sn. 99.80%+. Furnished in 100, 200, 300 mesh.

Baer Bros, 438 W 37 St, N Y 18
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Merck & Co, Rahway, N J
*Metals Disintegrating Co, Elizabeth B, N J
*Thomas J Shields Co, 11 Water St, N Y

TIN PROTEINATE

J M Baird Co, 254 W 31 St, N Y 1
*Heyden Chem Corp, 342 Madison Ave, N Y 17

TIN SULFATE (Stannous Sulfate)

$SnSO_4$. White cryst. Sol. in water. Uses—electroplating tin. Grades—tech.; C.P.
●Pkg—bottles, 100, 400 lb. bbls.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
J M Baird Co, 254 W 31 St, N Y 1
*City Chem Corp, 132 W 22 St, N Y 11
*Metal & Thermit Corp, 100 E 42 St, N Y 17

TIN TETRACHLORIDE (Stannic Chloride)

$SnCl_4$. Fuming, colorless liq. Sp. gr. 2.23. F.P 33°C. B.P. 114°C. Dissolves in water (caution!) Uses—silk weighting; organic syntheses; color lakes Grades—tech., C.P.
●Pkg—6, 56½ gal. drums.

Arnida Products Co, 15 Whitehall St, N Y 4
*J T Baker Chem Co, Phillipsburg, N J
*Hooper Chem Corp, P O Box 313, Rutherford, N J
L J & M La Place, Lellarts Lane, E Paterson, N J
*Metal & Thermit Corp, 100 E 42 St, N Y 17

TISSUE CULTURE MEDIA

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

TITANATES, ALKYL

*Anderson Labs, Weston, Mich
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Titanium Pigment Corp, 111 Broadway, N Y 6

TITANATES, ARYL

*Anderson Labs, Weston, Mich
Filo Color & Chem Corp, 202 E 44th St, N Y 17
*Titanium Pigment Corp, 111 Broadway, N Y 6

TITANIA see Titanium Dioxide

TITANIC CHLORIDE see Titanium Tetrachloride

TITANIUM DIOXIDE (Titanic Acid Anhydride, Titanium White, Titania)

TiO_2. White to black crystalline powd. Sp. gr. 3.75-4.25. M.P. 1560°C. Sol. conc. sulfuric acid. Uses—enfr. vitreous enamels; arc-welding rod coatings; opacifier for paper; pigmentation of white rubber; pigment for printing textiles, titanium salts, paint and varnish pigment; catalyst in making intermediates, dyestuffs, and organic chemicals. Grades—tech.; pure.
●Pkg—50 lb. bags, bbls., drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bergstrom Trading Co, 233 Broadway, N Y 7
Browning Chem Corp, 150 Broadway, N Y
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Cole Labs, 42-25 9 St, L I C 1, N Y
De Bear Inc, 636 11 Ave, N Y 36
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Golwynne Chem Corp, 420 Lexington Ave, N Y 17

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For complete list of company products: See Catalog Section

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International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
*H Kohnstamm & Co, 83-93 Park Pl, N Y 7
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Ben P Steele Co, 342 Madison Ave, N Y 17
Sterone Corp, 250 W 57 St, N Y 19
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Pigment Corp, 111 Broadway, N Y 6
Tobey Chem Co, 1472 Broadway, N Y 36
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

TITANIUM HYDRIDE

● Pkg—Cans/box.

*Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Metal Hydrides, 22½ Congress St, Beverly, Mass
Charles Page & Co, 50 E 42 St, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

TITANIUM, METAL

Ti. At. Wt. 47.9. Metallic element of the carbon group, dark gray, amorp. Sp. gr. 4.5. M.P. 1800°C. Insol. in water; sol. warm hydrochloric acid. Uses—mfr. of alloys.

● Pkg—Cans/box, 10, 100 lb. kegs.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metal Hydrides, 22½ Congress St, Beverly, Mass
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Variacoid Chem Co, 116 Broad St, N Y 4

TITANIUM POTASSIUM FLUORIDE see Potassium Titanium Fluoride

TITANIUM POTASSIUM OXALATE

$TiO(CO_2.CO_2K)_2.2H_2O$. M.W. 354.13. Greenish-white lustrous cryst. Sol. water. Uses—mordant in cotton and leather dyeing.

● Pkg—Bulk.

City Chem Corp, 132 W 22 St, N Y 11
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Lindsay Chem Co, 258 Ann St, W Chicago, Ill
Rohm & Haas Co, 712 Locust St, Phila 5, Pa
George F Smith, 60 E 42 St, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

TITANIUM SALTS

*Kawecki Chem Co, 220 E 42 St, N Y 17

TITANIUM TETRACHLORIDE (Titanic Chloride)

$TiCl_4$. M.W. 189.73. Colorless liq., absorbs moisture and evolves dense fumes. Sp. gr. 1.726. F.P. —30°C. B.P. 136.4°C. Sol. dilute hydrochloric acid, and water. Uses—mfr. titanium compounds; for producing iridescent effects in glass and artificial pearls; mordant in dyeing and printing textiles; smoke screens in military warfare. Grades—tech.

● Pkg—1 gal. bottles, 10, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

TITANIUM TETRAFLUORIDE

*Kawecki Chem Co, 220 E 42 St, N Y 17

TITANIUM WHITE see Titanium Dioxide

TITANYL SULFATE

$TiOSO_4.2H_2O$. Press cake with 50% sulfuric acid. Sol. water. Uses—mfr. dye strippers. Grades—tech.

● Pkg—350 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*Titanium Pigment Corp, 111 Broadway, N Y 6

TOBACCO DUST

J M Baird Co, 254 W 31 St, N Y 1
Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Merchants Chem Co, 60 E 42 St, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

TOLIDINE (o-Tolidine, o-Diaminoditoyl, Dimethylbenzidine, Diamidodiethyldiphenyl)

$[C_6H_3(CH_3)N.H_2]_2$. 1:3:4. White to reddish plates. M.P. 128°C. Sol. alcohol, ether; sl. sol. water. Uses—mfr. dyestuffs. Grades—tech. 96%.
● Pkg—200 lb. bbls.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

o-TOLIDINE see Tolidine

o-TOLIDINE DIHYDROCHLORIDE (Dimethyl Benzidine Hydrochloride)

$C_{14}H_{16}N_2.2HCl$. M.W. 285.21. White cryst. Uses—colorimetric determination of chlorine in water.
● Pkg—Custom packed, 350, 375 lb. drums.

*Carwin Co, Stiles Lane, N Haven, Conn
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fine Organics, 211 E 19 St, N Y 3
*Hartman-Leddon Co, 5819 Market St, Phila, Pa
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*LaMotte Chem Products Co, Towson, Baltimore 4, Md
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

a-TOLUAMIDE see Phenyl Acetamide

TOLUENE see Toluol

TOLUAZOTOLUIDINE see Amino-Azotoluene

p-TOLUENESULFONAMIDE

$CH_3C_6H_4SO_2NH_2$. White, solid crystalline. M.P. 137° C. Sol. alcohol. Uses—mfr. saccharine; in organic synthesis. Grades—tech.
● Pkg—Bottles, 225, 250 lb. bbls.

Bendix Chem Corp, 420 Lexington Ave, N Y 17
*City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Lapaco Chem, 1800 Glenrose Ave, Lansing, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo

p-TOLUENESULFONAMIDE SODIUM SALT see Chloramine T, Mono

p-TOLUENESULFONCHLORIDE

$CH_3C_6H_4SO_2Cl$. Rhombic cryst. M.P. 69°C. B.P. 145-146°C. Sol. alcohol, ether. Uses—mfr. acetic anhydride, saccharin, intermediates, organic chemicals, dyestuffs, picramide, salicylaldehyde, methylaniline, para-toluenesulfanilide. Grades—tech.
● Pkg—350, 387, 450 lb. bbls.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Lapaco Chem, 1800 Glenrose Ave, Lansing, Mich
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Sigma Chem Co, 4648 Easton Ave, St Louis 13, Mo

p-TOLUENE SULFO ETHYL ETHER see Ethyl p-Toluene Sulfonate

o-TOLUIDINE

C_7H_9N. M.W. 107.08. Light yellow liq., red on exposure. Sp. gr. 1.00037. B.P. 199°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. dyes, flotation oil, saccharin, intermediates, organic chemicals; vulcanization accelerator. Grades—tech. (97-98%).
● Pkg—800 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Kolon Trading Co, 15 Park Row, N Y
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

p-TOLUIDINE

C_7H_9N. M.W. 107.8. White plates or leaflets. Sp. gr. 1.046. M.P. 43.7°C. B.P. 200.3°C. Sol. alcohol, ether; very sl. sol. water. Uses—mfr. prismulin colors, magenta, intermediates, dehydrothioparatoluidine, metanitro paratoluidine, aceparatoluidine, organic chemicals. Grades—tech. (98.5%).
● Pkg—225 lb. bbls., 425 lb. drums.

Barclay Chem Co, 75 Varick St, N Y 13
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept. Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
Filo Color & Chem Corp, 202 E 44 St, N Y 17
*National Aniline Div, 40 Rector St, N Y 6
Sterone Corp, 250 W 57 St, N Y 19

TOLUIDINES, MIXED (Aminotoluene)

Mixture of ortho, meta, and para $CH_3C_6H_4.NH_2$. Reddish-brown or light yellow liq. Sol. alcohol, ether; sl. sol. water. Uses—mfr. dyestuffs, flotation oil, saccharin and other pharmaceuticals, prismuline and magenta dyes, fuchsine and safranine dyes, intermediates, organic chemicals; rubber accelerator. Grades—tech.

*Calco Chem Div, Bound Brook, N J
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
Republic Chem Corp, 94 Beekman St, N Y 38

a-TOLUNITRILE see Benzyl Cyanide

TOLUOL (Toluene, Methylbenzene, Methylbenzol, Phenylmethane)

$CH_3C_6H_5$. M.W. 92.06. Colorless refractive liq., benzol-like odor. Sp. gr. 0.86137 (15°C). M.P. —95.1°C. B.P. 110.7°C. Sol. alcohol, benzol, ether. Uses—mfr. intermediates, organic chemicals, benzoic acid, benzaldehyde, toluidines, pharmaceutical compounds, dyestuffs, toludines, synth. perfumery, saccharin, sodium benzoate, TNT, rubber cements, stains, and enamels; solvent for coatings in making artificial leather; extracting alkaloids and garbage; solvent in dehairing and other degreasing operations; dry cleaning agent; dressing and finishes for leather, etc.; solvent for rubber, lacquers, varnishes, dopes, fats, oils, rosin; cleansing bene. Grades—pure; commercial; straw colored.
● Pkg—Pint, quart, gal. bottles, 5, 55, 100 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Mineral Spirits Co, 155 E 44 St, N Y 7
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Barrett Div, 40 Rector St, N Y 6
Bell Chem Co, 25 W 44 St, N Y 36
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Colo
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

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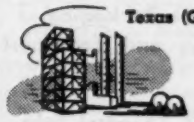
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TOLUOL continued

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William S Gray & Co, 342 Madison Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
*Inland Steel Co, 38 S Dearborn St, Chicago 3, Ill
International Sailing Corp, 122 E 42 St, N Y 17
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
Kingston Chem Co, 15 William St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*Penola Oil Co, 15 W 51 St, N Y 19
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Oregon
Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
*Roosevelt Oil & Refining Corp, Mt Pleasant, Mich
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Shell Oil Co, 50 W 50 St, N Y 20
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave N, Birmingham 2, Ala
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Tobey Chem Co, 1472 Broadway, N Y 36
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

TOLYL ALDEHYDE (p-Methyl Benzaldehyde)

$CH_3C_6H_4CHO$. B.P. 85-90°C. at 5 mm. Sp. gr. at 25° C, 1.015. Colorless liq. Uses—artificial flavor, synth. aromatic, pharmaceutical and dyestuff intermediate. Grades—tech.: pure.
●Pkg—50 lb. tins, 100 lb. carboys, 425 lb. drums.
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Polak & Schwarz, 667 Washington St, N Y 14
*Polak's Frutal Works, Middletown, N Y

m-TOLYL DIETHANOLAMINE

$(HOC_2H_4)2NC_6H_4CH_3$. M.W. 193. Uses—dyestuff intermediate.
●Pkg—1, 5, 55 gal. drums.
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Eastman Chem Products, Kingsport, Tenn

m-TOLYLENE DIAMINE

$CH_3C_6H_3NH_2$. M.W. 122.17. Solid. M.P. 99°C. B.P. 284°C. Sol. hot water, alcohol, ether.
●Pkg—175 lb. bbls., 200, 250 lb. drums.
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*National Aniline Div, 40 Rector St, N Y 6
Republic Chem Corp, 94 Beekman St, N Y 38
*Southern Dyestuff Corp, P O Box 1045, Charlotte 1, N C

TONERS, ALKALI

*Calco Chem Div, Bound Brook, N J
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

TONERS, ALKALI BLUE

*Ansbacher Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
Stanley Doggett Inc, 75 Varick St, N Y 13
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va

TONERS, LITHOGRAPHIC

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va

TONERS, METHYL VIOLET

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*London Chem Co, 325 W 32 St, Chicago 16, Ill
Edward Mendell Co, 24 W 45 St, N Y 19
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va

TONERS, METHYL VIOLET, PERMANENT

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

TONERS, PAINT

*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

TONERS, PHOTOGRAPHIC

*Edwal Labs, Ringwood, Ill
*Flio Color & Chem Corp, 202 E 44 St, N Y 17

TONERS, RED

Used to produce brilliant red shades in textiles, leather, paints, coatings, etc.: 1. Para Toner, brilliant red with a purple undertone, fairly permanent, but bleeding or striking through; 2. Toluidine Toner, a bright fiery red, more yellow than blue in undertone, more permanent than para, non-bleeding; 3. Lithol Toner, brilliant red with blue undertone, not as permanent as toluidine toner.
*Ansbacher-Siegle Corp, 92 Chestnut Ave, Rosebank, Staten Island 5, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Brooklyn Color Works, Morgan & Norman Aves, Bklyn 22, N Y
*Calco Chem Div, Bound Brook, N J
Stanley Doggett Inc, 75 Varick St, N Y 13
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*Federal Color Labs, 4630 Forest Ave, Norwood, Cincinnati 12, Ohio
*Flio Color & Chem Corp, 202 E 44 St, N Y 17
*General Color Co, 263 Wright St, Newark 5, N J
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
*Max Marx Color & Chem Co, 192 Colt St, Irvington 11, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

TONKA-BEAN CAMPHOR see Coumarin

TOUGHENING AGENTS, RUBBER

*Goodyear Tire & Rubber Co, 1144 E Market St, Akron, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*Johns-Manville, 22 E 40 St, N Y 16
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Neville Co, Neville Island, Pittsburgh 25, Pa

TOXAPHENE

●Pkg—50 lb. bags, 5, 55 gal. drums.
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Ashcraft-Wilkinson Co, 601 Trust Co of Georgia Bldg, Atlanta, Ga
*J M Baird Co, 254 W 31 St, N Y 1
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J
Duff Chem Co, 342 Madison Ave, N Y 17
International Commodities Corp, 11 Mercer St, N Y 13
McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Penola Oil Co, 15 W 51 St, N Y 19
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Prentiss Drug & Chem Co, 110 William St, N Y 38
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Ben P Steele Co, 342 Madison Ave, N Y 17
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

TOXILIC ANHYDRIDE see Maleic Anhydride

TRAGASOL see Gum, Locust Bean

TRANSFORMER COMPOUNDS

*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
*Hi-Test Chem Corp, 722 64 St, Bklyn 20, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

TRIACETIN (Glyceryl Triacetate)

$C_3H_5(C_2H_3O_2)_3$. Colorless, odorless liq. Sp. gr. 1.1606 (15°C.). B.P. 258.9°C. Sol. alcohol, ether, and organic solvents; sl. sol. water. Uses—mfr. intermediates, perfumery; plasticizing agent in plastics and lacquers. Grades—67%.
● Pkg—55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
W W Angus, 220 Broadway, N Y 38
Barclay Chem Co, 75 Varick St, N Y 13
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd, W, Rochester, N Y
Eastman Chem Products, Kingsport, Tenn
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

TRIALUMINUM PHOSPHATE

Approx. chem. analysis Al_2O_3 30.9%. P_2O_5 44.0%. Loss on ign. 25.2%. pH 6.2% (on 5% suspension). Refractive index (aver.) 1.548±0.005 (Ng — Np=low). Uses—in ink mfr., paper and glass.
● Pkg—100 lb. bags, drums, 100, 200, 700 lb. bbls.

*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

2,4,6-TRIAMINOBENZENE TRIHYDROCHLORIDE

$C_6H_9N_3 \cdot 3HCl$. M.W. 232.55. Solid. M.P. anhydrous base 129°C; hydrate 84-86°C. Sol. water; sl. sol. alcohol; insol. ether. Uses—dye and resin intermediate; organic synthesis.
● Pkg—1 lb. bottles.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill

2,4,6-TRIAMINOTOLUENE TRIHYDROCHLORIDE

$C_6H_2CH_3(NH_2 \cdot HCl)_3$. M.W. 264.55. Light tan solid. M.P. 119°C. Sol. water, alcohol, acetone; insol. benzene. Uses—non-gelatin photographic emulsion, wetting and frothing agent component; in photographic developers to reduce grain size and decrease fog; coupling agent in making chrome colors for wool; intermediate in organic synthesis.
● Pkg—1 lb. bottles.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edwal Labs, Ringwood, Ill

TRIAMMONIUM PHOSPHATE see Ammonium Phosphate, Tri

TRIAMYLAMINE

$(C_5H_{11})_3N$. M.W. 227.27. Yellowish liq. Distillation range, 230°C.-269/C. Sp. gr. (20°.) 0.7957 Poise. Viscosity (20°C) 0.02421 Poise. Refractive Index 1.4374 (18°C). Surface Tension (13°C) 24.4 Dynes/cm. Sp. Heat at room temp., 0.51 cal./gram. Heat of Vap., 79 cal./gram. Coefficient of Expan. between 20°C. 60°C., 0.00091. Flash Point, 174°F. Insol. water. Completely sol. gasoline. Uses—as a substitute in fields where monoamylamine and diamylamine are used; for retarding discoloration of gasoline in dye industry. Purity, minimum 95%.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

TRIBROMOMETHANE see Bromoform

2,4,6-TRIBROMOPHENOL

$C_6H_3OBr_3$. M.W. 330.8. Light pink cryst. with a faint characteristic odor and sweet astringent taste. M.P. 92°C. Sublimes. Sol. in alcohol and ether, but very sl. sol. in water. Uses—mfr. disinfectant and antiseptic pharmaceuticals.
● Pkg—25, 50, 100 lb. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

TRIBROMOPHENOL-BISMUTH see Bismuth Tri Bromophenate

TRIBUTOXY ETHYL PHOSPHATE

● Pkg—1, 5, 55 gal. drums.
*Ohio-Apex Inc Div, Nitro, W Va

TRIBUTYLAMINE

$(C_4H_9)_3N$. Pale yellow liq. B.P. 216.5°C. Sp. gr. 0.778 at 20°C. Only sl. sol. water, but miscible with most organic solvents. Uses—solvent.
● Pkg—5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Sharples Chem, 123 S Broad St, Phila 9, Pa

TRIBUTYL BORATE (see also Butyl Borate

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

TRIBUTYL "CELLOSOLVE"* PHOSPHATE

(*Reg. Trade-Mark—Carbide & Carbon Chemicals Co.)
● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Ohio-Apex Inc Div, Nitro, W Va

TRIBUTYL CITRATE

● Pkg—47½, 87, 475 lb. drums, 25 lb. cans.

J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y

TRIBUTYL PHOSPHATE

$(C_4H_9)_3PO_4$. A very stable liq. of low volatility. Sp. gr. 0.9763 at 20/20°C. Flash point 145°C. B.P. approx. 175°C at 23 mm. of mercury. Uses—a super-high boiling solvent for nitrocellulose lacquers, dopes, and inks; excellent plasticizer for pyroxylin.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Chemical Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Ohio-Apex Inc Div, Nitro, W Va
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J

TRICALCIC PHOSPHATE see Calcium Phosphate, Tribasic

TRICALCIUM o-ARSENATE see Calcium Arsenate

TRICALCIUM o-PHOSPHATE see Calcium Phosphate, Tribasic

TRICALCIUM PHOSPHATE see Calcium Phosphate, Tribasic

1,2,2-TRICHLOR ETHYLENE see Trichloroethylene

TRICHLOROBENZENE 1:2:4

$C_6H_3Cl_3$. M.W. 181.39. Sp. gr. 1.574. B.R. 2° range including 214½°C. Miscible with alcohols, ether, petroleum products, aromatic solvents, naphthas, turpentine, acetone, carbon tetrachloride.
● Pkg—1, 2 gal. cans, 60, 650 lb. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*General Chem Div, 40 Rector St, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hooker Electrochem Co, 4715 Buffalo Ave, Niagara Falls, N Y
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Solvay Process Div, 61 Broadway, N Y 6
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

1,1,1-TRICHLOROETHANE (Methyl Chloroform)

$C_2H_3Cl_3$. M.W. 133.4. Clear, colorless, non-inflammable liq. Uses—general purpose solvent where it does not contact aluminum.
● Pkg—5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Phillips & Jacobs, 622 Race St, Phila 6, Pa

TRICHLOROETHYLENE (Chloryiene, Westrosol, 1, 2, 2,-Trichlor Ethylene)

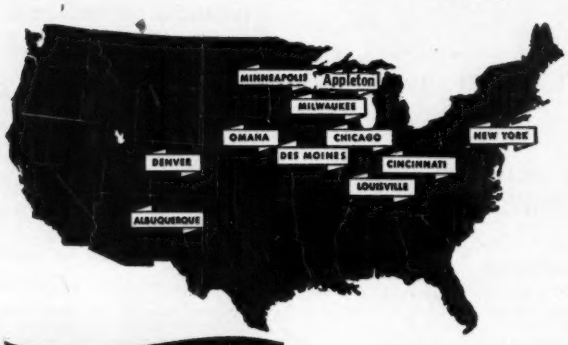
$CHCl:CCl_2$. M.W. 131.38. Colorless liq., characteristic odor. Heat of Vap., 104.5. Sp. gr. 1.472. F.P. —88°C. V.D. 0.278. B.P. 86.7°C. Lbs./gal., 12.25. Sol. alcohol, ether. S.H. 0.233. Uses—mfr. indigo and other dyestuffs, intermediates, organic chem

HOOKER®
CHLOROBENZENES
monochlorobenzene • orthodichlorobenzene
paradichlorobenzene • 1, 2, 4, 5-tetrachlorobenzene
trichlorobenzene, tech.
HOOKER ELECTROCHEMICAL COMPANY
4715 Buffalo Avenue • Niagara Falls, N. Y.

NIAGARA
for TRICHLORethylene
The most modern production facilities in the industry assure high quality and superior stability in NIALK TRICHLORethylene.
NIAGARA ALKALI COMPANY
60 East 42nd Street, New York 17, New York
NIALK® Liquid Chlorine • NIALK Caustic Potash • NIALK Carbonate of Potash
NIALK Caustic Soda • NIALK Paradichlorobenzene • NIALK TRICHLORethylene
NIAGATHAL® (Tetrachloro Phthalic Anhydride)

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

11 STRATEGIC POINTS
for Service and Supply



MERCO

EACH of these is a warehouse point from which prompt truck deliveries and shipments are made . . . complete supplies and specialized equipment of well known brands and manufacturers . . . plus skilled technical advisory service when and where desired.

MERCHANTS CHEMICAL CO., INC.
60 East 42nd Street
NEW YORK 17, N.Y.

CMC

TRICHLOROETHYLENE

C
- Sodium Bicarbonate
- Urea
- Ammonium Chloride
- Tropical Bleaching Powder (stabilized)
- Chloroform
- Sodium Perborate

M
- Ammonium Carbonate
- Ammonium Bicarbonate
- Sodium Sulfide
- Sodium Hydrosulfite
- Chlorinated Paraffin

C
- Cyanides
  - Copper
  - Potassium
  - Sodium
  - Zinc
- Sodium Aluminate
- *'Alphanol 79'
- 'Nonanol'

*ICI trade name.

CHEMICAL MANUFACTURING CO.
INCORPORATED
New York 22, N. Y. 444 Madison Avenue
San Francisco 4, Cal. 369 Pine Street

TRICHLORETHYLENE

John A. Chew
incorporated
Industrial & Fine Chemicals
60 East 42nd Street
NEW YORK 17, N. Y.
MU 2-0993

TRICHLOROETHYLENE continued

icals, detersive soaps, pharmaceuticals, perfumes, paints, varnish, leather, rubber; solvent for fats, oils, etc.; degreasing bones for bone glue; laboratory reagent; general solvent, industrial degreasing. Grades—high purity.
● Pkg—1 gal. cans, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Adams-Henry Chem Co, 32 Broadway, N Y 4
*Allied Industrial Products Co, 225 W 34 St, N Y 1
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
Barclay Chem Co, 75 Varick St, N Y 13
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
C P Chem Solvents, 60 Park Pl, Newark 2, N J
Caldwell Chem Co, 441 Lexington Ave, N Y 17
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
C B Coburn Co, 63 Market St, Lowell, Mass
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Enco Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Gohwynne Chem Corp, 420 Lexington Ave, N Y 17
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henley & Co, 801 2 Ave, N Y 17
Howe & French, 99 Broad St, Boston, Mass
Hummel Chem Co, 90 West St, N Y 6
*International Selling Corp, 122 E 42 St, N Y 17
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Freilnghuysen Ave, Newark, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Niagara Alkali Co, 60 E 42 St, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Ben P Steele Co, 342 Madison Ave, N Y 17
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Chem Corp, 350 5 Ave, N Y 1
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

TRICHLOROFLUOROMETHANE

American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

TRICHLOROMONOFLUOROMETHANE

● Pkg—10, 25, 145, 2000 lb. cylinders.

American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*J M Baird Co, 254 W 31 St, N Y 1
*General Chem Div, 40 Rector St, N Y 6

TRICHLORONITROMETHANE see Chloropicrin

2,4,5-TRICHLOROPHENOL

$Cl_3C_6H_2OH$. M.W. 197.5. Gray flakes to sublimed mass. Very sol. alcohol, benzene, carbon tetrachloride, ether; insol. water. Uses—bactericide and fungicide used mainly in leather and adhesive industries.
● Pkg—100, 200 lb. drums.

Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

TRICHLOROPROPANE

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TRICHLOROPROPENE see Allyl Chloride

TRICHLOROTRIFLUOROETHANE

●Pkg—10, 25, 100, 150, 200, 2200 lb. cylinders, drums.

American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

TRICHOLINE CITRATE 65% SOLUTION

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

TRICRESYL PHOSPHATE

$C_{21}H_{21}O_4P$. Water-white to straw-colored liq. Sp. gr. 1.167 (20°C). B.P. 275-296°C. Non-inflammable; Refractive index. 1.556; congealing point below —20°C; viscosity (at 23.7°C) 102; dielectric strength 157 Kv., miscible in all proportions with lacquer solvents and diluents. Sol. ether, alcohol, chloroform, benzol, and glacial acetic acid; insol. water. Uses—plasticizer in cellulose ester varnishes, lacquers and plastics. Grades—C.P.; tech.

●Pkg—1, 5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 61
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Browning Chem Corp, 150 Broadway, N Y
C P Chem Solvents, 60 Park Pl, Newark 2, N J
*Celanese Corp of America, 180 Madison Ave, N Y 16
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Eston Chem, 3100 E 26 St, Los Angeles 23, Cal
Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Howe & French, 99 Broad St, Boston, Mass
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
Mefford Chem Co 1026 Santa Fe Ave, Los Angeles 21, Cal
*Montrose Chem Co, 120 Lister Ave, Newark 5, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*Ohio-Apex Inc Div, Nitro, W Va
Philipp Bros Chem, 37 Wall St, N Y 5
Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Tobey Chem Co, 1472 Broadway, N Y 36
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36

TRIETHANOLAMINE (Tri-Hydroxyethyl Amine)

$(HOCH_2CH_2)_3N$. Technical is a mixture of triethanolamine, diethanolamine, and monoethanolamine. Oily almost colorless liq., ammonia odor. Sp. gr. 1.12-1.13 at 20/20. B.P. 277°C. at 150 mm. Sol. alcohol, water, chloroform. Uses—mfr. synth. resins; increasing penetration of organic liquids into cellular wood fibre; for the absorption of acetic gas; prep. of dry-cleaning soaps; for prep. of emulsions; mfr. of cosmetic soaps; for increasing the dispersion of dyes.

●Pkg—1 gal. cans, 5, 10, 55 gal. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Bridge Chem Co. 2525 W Madison St, Chicago, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
International Selling Corp, 122 E 42 St, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11

TRIETHANOLAMINE STEARATE

$(HO.CH_2CH_2)_3N.HOOC.H_{35}C_{17}$. Light tan col. solid. Uses—emulsifying agent for cosmetics, polishes, etc.

●Pkg—1, 5 gal. cans, 375 lb. drums.

*Dominion Products, 10-40 44th Drive, L I C 1, N Y
*E F Drew & Co, 416 Division St, Boonton, N J

TRIETHOXYBORON see Ethyl Borate

TRIETHOXY METHANE see Triethyl o-Formate

TRIETHYL O-ACETATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

Greeff

TRICRESYL PHOSPHATE

•

DIOCTYL PHTHALATE

•

DIOCTYL ADIPATE

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260 MADISON AVENUE, NEW YORK 16, N. Y.

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ETHYLENE GLYCOL
ETHYLENE DICHLORIDE
DIETHYLENE GLYCOL
MONOETHANOLAMINE
DIETHANOLAMINE
TRIETHANOLAMINE
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MORPHOLINE
ETHYLENE CARBONATE
PROPYLENE CARBONATE
DIETHYLETHANOLAMINE
HYDROXYETHYL MORPHOLINE
GLYCOL ETHERS
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Sales Agent: Nelson A. Howard, Jr., 900 Wilshire Boulevard, Los Angeles 17, California.
Warehouse Stores: Tenafly, New Jersey; Chicago, Illinois; Houston, Texas.
Plant: Port Neches, Texas
For Technical data see our Catalog pages

See Our Catalog Ad

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*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Monsanto TEAP

(Triethylammonium Phosphate—40% solution in proprietary solvent)

● Monsanto TEAP reduces corrosion of steel containers by nonaqueous solutions, thus cutting packaging costs and improving shelf-keeping properties. Added to liquids, prior to packaging in tin or terne plated steel containers, in amounts from 0.5 to 1.0% on the weight of the liquid, TEAP forms an inert phosphate coating on the inside surface of the metal container. SUGGESTED APPLICATIONS: Alcohol solutions of natural resins; alcohol solutions of shellac substitutes; hydraulic fluids (alcohol-mineral oil type); shellac varnish; starting fuels; de-icing fluids; lacquers; chlorinated aromatics; gasket cements; wash primer thinners.

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Merrimac Division
Boston 49, Mass.

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TRI METHYL BORATE

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Tribune Tower, Chicago, Illinois

META CHEMICAL CORP.
Carlstadt, N. J.

TRIETHYLAMINE

$(C_2H_5)_3N$. M.W. 101.19. Color—water-white. Sp. gr. at 20°/20°C 0.73. Triethylamine content not less than 98.5%. Distillation—initial B.P. not below 85°C, final B.P. not above 91°C. Flash point 20°F. Wt. per gal. 6.1 lbs. Uses—prep. quaternary ammonium compounds useful as textile assistants.
● Pkg—1 gal. cans, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Sharples Chem, 123 S Broad St, Phila 9, Pa

TRIETHYLAMMONIUM PHOSPHATE

*Monsanto Chem Co, Merrimac Div, Everett Sta, Boston 49, Mass

TRIETHYL BORATE see Ethyl Borate

TRIETHYL o-FORMATE (o-Formic Ester, Triethoxy Methane, Aethon)

$CH(OC_2H_5)_3$. M.W. 148. Colorless liquid; pungent odor. Sol. alcohol, ether, water. Uses—intermediate for Vitamin B_1; antimalarials; polymethine dyes; acetals.
● Pkg—55 gal. drums.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Kay-Fries Chem, 180 Madison Ave, N Y 16

TRIETHYL PHOSPHATE

$(C_2H_5)_3PO_4$. M.W. 182.14. Colorless liq. with mild odor. Sol. in most organic solvents, completely miscible in water, very stable at ordinary temps. When mixed with water is quite stable at ordinary temps., but at elevated temps. it hydrolyzes slowly. Purity, not less than 97% ester by weight. Sp. gr. 1.068 to 1.072 at 20°/20°C. Acidity, not more than 0.02% calculated as phosphoric acid, and using phenolphthalein as the indicator. Distillation range: 190°C-220°C, not more than 5% distilling below 210°C. B.P. 216°C. Refractive Index, 1.4055 at 20°C. Wt. per gal. 8.90 lbs. at 68°F. Uses—solvent for cellulose nitrate and cellulose acetate; compatible gums and resins. A super high-boiling solvent and plasticizer in the mfr. of plastics and coating compositions.
● Pkg—5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
Eastman Chem Products, Kingsport, Tenn

TRIETHYL O-PROPIONATE

American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

TRIETHYLENE GLYCOL

$HOCH_2(CH_2OCH_2)_2CH_2OH$. Colorless, hygroscopic, practically odorless liq. B.P. 276°-288°C. Sol. water; immiscible benzol, toluol; insol. gasoline. B.R. not less than 95%, distills below 297°C (760 mm). Initial B.P. 280°C (760 mm). Sp. gr. 1.125 at 20°/20°C. Wt. 9.3 lbs. per gal. (20°C). Uses—sol. for nitrocellulose; increases pliability and flexibility in plastics; synthesis of organic compounds; hydroxyl groups can be exchanged for other groups or esterified to form a series of compounds used as plasticizers. Grades—tech.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Allied Chem & Dye Corp, Nitrogen Div, 40 Rector St, American Mineral Spirits Co, 155 E 44 St, N Y 17
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Jefferson Chem Co 260 Madison Ave, N Y 16
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Phillips & Jacobs, 622 Race St, Phila 6, Pa

TRIETHYLENE TETRAMINE

$NH_2(C_2H_4NH)_2C_2H_4NH_2$. M.W. 146.24. Viscous liq. B.P. 277.5°C. Sol. in water and most organic solvents. Sp. gr. 0.9818 at 20/20°C. Wt. per gal., 8.2 lbs. at 20°C. Uses—mfr. detergents and softening agents; intermediate in mfr. rubber accelerators, and dyestuffs.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

TRIFLUOROPENTACHLOROPROPANE

$CCl_2CCl_2CF_3$. M.W. 270.3. White waxy solid. M.P. 109°C. B.P. 153.1°C. Uses—prep. of highly fluorinated propanes.
● Pkg—Custom packed.

*Halogen Chem, 1305 Charlton Dr, Columbia 3, S C

o-TRIFLUOROTOLUENE see Benzotrifluoride

TRIFORMOL see Paraformaldehyde

TRIGLYCOL DICHLORIDE

● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TRIHYDROXYBENZENE see Acid, Pyrogallic

TRI-HYDROXYETHYL AMINE see Triethanolamine

TRIIODOMETHANE see Iodoform

TRIISOBUTYLENE

$C_{12}H_{24}$. M.W. 168. Mixture of 12 carbon olefins made from 4 carbon olefins. Uses—detergent and mercaptan mfr., lubricating oil additive compounds.
● Pkg—55 gal. drums.

*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TRIISOPROPANOLAMINE

$N(C_3H_6OH)_3$. Crystalline, pure-white solid. Mild, water sol. base. M.P. 45°C. B.P. 185.8°C at 10 mm. Readily forms stable, non-darkening soaps that are excellent emulsifying agents and are completely sol. in hydrocarbons. Uses—mfr. oils, soap, cosmetics, pharmaceuticals.
● Pkg—1 gal. cans, 5, 55 gal. drums.

*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

TRIKETOPURINE see Acid, Uric

TRI MAGNESIUM PHOSPHATE see Magnesium Phosphate

TRIMETHYLAMINE (Secaline)

$(CH_3)N_3$. Easily condensable gas with fishy odor. B.P. 3.2°C-3.8°C (765 mm of mercury). Decomp. between 800-1,300°C. to form hydrogen cyanide and methane. Uses—forms addition compounds with halogens, and unites with organic and inorganic acids. Grades—commercial, water sol., 25-30% conc. by wt.
● Pkg—25, 50, 100, 1400 lb. cylinders.

*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Rohm & Haas, 712 Locust St, Phila 5, Pa

TRIMETHYL-AMINOBENZENE 1:2:4:5 see Cumidine

TRIMETHYL BORATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

TRIMETHYLENE see Cyclopropane

TRIMETHYLENE BROMIDE (1,3-Dibromopropane)

$BrCH_2CH_2CH_2Br$. M.W. 201.9. Clear, colorless, highly refractive liq. with a sweet, suffocating odor. B.P. 166.5°C. Sp. gr. 1.977 at 25°C. Lbs. per gal. 16.49 (25°C). Miscible with carbon tetrachloride, alcohol and ether. Uses—mfr. cyclopropane, an important anaesthetic; mfr. various organic intermediates for the dyestuff and pharmaceutical industries.
● Pkg—5, 12 gal. carboys, 55 gal. drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

TRIMETHYLENE CHLOROBROMIDE (1-Bromo-3-Chloropropane)

$CH_2Br\text{-}CH_2CH_2Cl$. Clear, colorless liq. with a characteristic, somewhat sweet odor. B.R. 5-95%, 143-145°C. Sp. gr. 1.601 at 25/25°C. Refractive Index 1.484 at 25°C. Miscible with the common organic solvents and insol. in water at 25°C. Uses—organic syntheses.
● Pkg—Gal. bottles, 5, 10, 55 gal drums.

Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich

TRIMETHYLENE DIIODIDE see 1,3-Diiodopropane

TRIMETHYL o-FORMATE

*American-British Chem Supplies, 180 Madison Ave, N Y 16
*Kay-Fries Chem, 180 Madison Ave, N Y 16

TRIMETHYLENE GLYCOL

● Pkg—Custom packed.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10 Pine St, S Norwalk, Conn
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio

TRIMETHYLGLYCINE HYDROCHLORIDE see Betaine Hydrochloride

TRIMETHYLMETHANE see Isobutane

TRIMETHYLOLETHANE (Pentaglycerine, Methyl-Trimethylol Methane)

$CH_3C(CH_2OH)_3$. M.W. 120.15. Colorless cryst., hygroscopic. Sol. water, alcohol. Uses—mfr. of varnishes, alkyd and hard resins, synth. drying oils; conditioning agent.

● Pkg—200 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Jefferson Chem Co, 260 Madison Ave, N Y 16
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

TRIMETHYLOLPROPANE (Hexaglycerine)

$C_2H_5C(CH_2OH_3)$. M.W. 134.18. Colorless cryst., hygroscopic. Sol. water, alcohol. Uses—mfr. of varnishes, alkyd and hard resins, synth. drying oils; conditioning agent.

● Pkg—200 lb. drums.

*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

1,3,7-TRIMETHYLXANTHINE see Caffeine

TRINIDAD PITCH see Asphaltum

TRINITROCELLULOSE see Pyroxylin Solutions

TRINITROPHENOL see Acid, Picric

TRINITROTOLUENE (T.N.T.)

$C_6H_2(CH_3)(NO_2)_3$-1,2,4,6. M.W. 227. Light cream-colored to buff flakes. Uses—intermediate in dyestuffs and photographic chemicals; in mfr. of detonators, dynamites, military shell loads.

● Pkg—Boxes.

*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
Republic Chem Corp, 94 Beekman St, N Y 38

TRIOXANE

*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Heyden Chem Corp, 342 Madison Ave, N Y 17
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

TRIOXYMETHYLENE see Paraformaldehyde

TRIPENTAERYTHRITOL

$C_{15}H_{24}O_2(OH)_8$. M.W. 372.41. White powd. Sol. hot water; insol. alcohol, ether, hydrocarbons. Uses—mfr. of varnishes, alkyd and hard resins, synth. drying oils.

● Pkg—50, 70 lb. bags, 175 lb. drums.

R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Heyden Chem Corp, 342 Madison Ave, N Y 17
*Trojan Powder Co, 17 N 7 St, Allentown, Pa

TRIPHENYL BORATE

Mayco Chem Co, 5 Union Sq W, N Y 3
*Meta Chem Corp, 214½ Washington Ave, Carlstadt, N J

TRIPHENYLCHLOROSILANE

*Dow Corning Corp, Midland, Mich

TRIPHENYLGUANIDINE

● Pkg—100 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*National Aniline Div, 40 Rector St, N Y 6

TRIPHENYL PHOSPHATE

$(C_6H_5)_3PO_4$. Colorless, odorless, non-inflammable cryst. M.P. 49°C. B.P. 245°C. Sol. alcohol, benzine, chloroform, ether, acetone, concentrated sulfuric acid; insol. water. Uses—incombustible substitute for camphor in cellulose; rendering acetylcellulose, cellulose formate, nitrocellulose, airplane dopes, etc., non-inflammable, impregnating roofing paper; as lubricant and plasticizer.

● Pkg—200, 225 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38

TRIPHENYL PHOSPHITE

$(C_6H_5O)_3P$. M.W. 310.28. Crystalline solid at sl. below room temp., oily liq. at higher temps. Uses—color stabilizer for alkyl resins.

● Pkg—5, 55 gal. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo

TRIPOLI—see also Diatomaceous Earth

Porous siliceous rock. Natural. Uses—mfr. abrasive polishes, scouring soaps, detergents; general filtering medium; absorbent for insecticidal chemicals; general abrasive; paint, wood and rubber filler. Grades—various grades as to fineness for polishing; rose; cream; white.

● Pkg—50, 100 lb. bags.

Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Charles B Chrystal Co, 53 Park Pl, N Y 7
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Eaton Chem & Dyestuff Co, 1498 Franklin St, Detroit 9, Mich
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
L A Salomon & Bro, 216 Pearl St, N Y 38
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

TRIPOLI POWDER see Diatomaceous Earth

TRIPOLITE see Diatomaceous Earth

TRIPROPYLENE

J M Baird Co, 254 W 31 St, N Y 1
*Enjay Co, 15 W 51 St, N Y 19

TRIPROPYLENE GLYCOL

● Pkg—5, 55 gal. drums.

American Mineral Spirits Co, 155 E 44 St, N Y 17
*Dow Chem Co, Midland, Mich
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I

TRIS (HYDROXYMETHYL) AMINOMETHANE

$(CH_2OH)_3CNO_2$. White crystalline solid. M.P. 171-172°C. B.P. 219-220°C at 10 mm. Uses—emulsifying agent in soap form for oils, fats, and waxes; chemical synthesis; absorbent for acidic gases.

● Pkg—1, 5, 51 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

TRIS (HYDROXYMETHYL) NITROMETHANE

$NO_2C(CH_2OH)_3$. M.W. 151. B.P. 165-170°C at 10 mm, decomp. Sol. water, alcohol; practically insol. in aromatic and aliphatic hydrocarbons.

● Pkg—1, 5, 51 gal. drums.

*Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

TRI-SODIUM PHOSPHATE

● Pkg—100 lb. bags.

S L Abbot Co, 138 King St, San Francisco 7, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Blockson Chem Co, Joliet, Ill
Caldwell Chem Co, 441 Lexington Ave, N Y 17
Chematar Inc, 40 Exchange Pl, N Y 5
Chemical Service Corp, 82 Beaver St, N Y 5
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Duff Chem Co, 342 Madison Ave, N Y 17
Ence Chem Corp, 441 Lexington Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lafarta Lane, E Paterson, N J
*A R Maas Chem Co Div, 4570 Ardine St, S Gate, Cal
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J

Tripropylene

An olefinic product composed of tripropylene and minor amounts of C_8 and C_{10} olefins.

VALUABLE AND USEFUL

- **As a RAW MATERIAL for alkylating aromatic hydrocarbons and phenols.**
- **For the PRODUCTION of higher alcohols, mercaptans and other chemical derivatives.**

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TRI SODIUM PHOSPHATE
TETRA SODIUM PYROPHOSPHATE
SODIUM TRIPOLY PHOSPHATE

Uniform high quality—prompt shipment service.

MONSANTO CHEMICAL COMPANY
Phosphate Division
St. Louis 4, Mo.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

MONSANTO
CHEMICALS – PLASTICS

TRI-SODIUM PHOSPHATE continued

Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Scher Bros, 319 Getty Ave, Clifton, N J
Seaboard Industries, 195 Keen St, Paterson, N J
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Ben P Steele Co, 342 Madison Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Victor Chem Wks, 141 W Jackson Blvd, Chicago 4, Ill
Washing-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Westvaco Chem Div, 161 E 42 St, N Y 17

TRISODIUM o-PHOSPHATE see Sodium Phosphate, Tri-Sodium

TRISTEARIN see Stearine

TROPAEOLIN D see Methyl Orange

TURPENTINE
RECTIFIED NF
PURE GUM SPIRITS
STEAM DISTILLED WOOD
SULPHATE WOOD
TANK CARS, DRUMS, CANS
PINE OIL
DIPENTINE
REFINED TALL OIL
CRUDE TALL OIL
GUM ROSIN
WOOD ROSIN
EXPORT • DOMESTIC

CHAS. L. READ & CO. INC.
1 NEWARK AVE.
JERSEY CITY 2, N. J.
N. Y. PHONE, WORTH 4-1131
N. J. PHONE, DELAWARE 2-2062
CABLE READCHEM—JERSEY CITY

TRYPTOPHANE

● Pkg—1, 5 lb. bottles.

American Roland Corp, 16 Hudson St, N Y
*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
*Lack Chem Co, 19 Park Pl, N Y 7
Nepera International Corp, 37 Wall St, N Y 5
*Roussel Corp, 155 E 44 St, N Y 17
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Winthrop-Stearns, 1450 Broadway, N Y 18

TRYPTOPHANE-1, NATURAL

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
E O Schaeffer Chem Co, 381 4 Ave, N Y 16
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

TUNGSTEN, METAL (Wolfram)

W. Heavy gray to black powd., hard and brittle. Sp. gr. 19.10. M.P. 2974°C. Insol. in water; sol. in nitric acid and hot hydroxide solutions. Uses—mfr. of alloys, filaments, chemical compounds.

● Pkg—5, 10, 25 lb. cans, bbls., drums.

Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
International Selling Corp, 122 E 42 St, N Y 17
Nopel Corp, 2 Broadway, N Y 4
*Frank Samuel & Co, 24 State St, N Y 4
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa

TUNGSTEN CARBIDE

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa

TUNGSTEN OXIDE

● Pkg—100, 250 lb. drums.

*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Fansteel Metallurgical Corp, 2200 Sheridan Rd, North Chicago, Ill
*Millmaster Chem Corp, 11 W 42 St, N Y 36
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col
*Sylvania Elec Products, Tungsten & Chem Div, Towanda, Pa
*Variacoid Chem Co, 116 Broad St, N Y 4

TURKEY GALLS see Nutgalls

TURMERIC (Curcuma, Curry, Indian Saffron, Terra Merita)

Rhizome of Curcuma longa. Habitat—China, East Indies, etc. Uses—mfr. dye preps., wallpaper, coloring food, sweetmeats, food preps., oleomargarine, butter, pickles, curries, baked products, confectionery, stains, varnishes; dyeing textiles; dyeing and tanning leather; laboratory reagent; in medicine. Grades—tech. (Curcuma Longa); Madras; Aleppy; China.

*Bios Labs, 17 W 60 St, N Y 23
Dalton-Cooper, 200 W 34 St, N Y 1
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*S B Penick & Co, 50 Church St, N Y 7

TURNBULL'S BLUE see Prussian Blue

TURPENTINE, GUM

Mixture of a resin and volatile oil obtained from coniferous trees. Yellowish, opaque masses, sticky and glossy, with characteristic odor and taste. Sol. ether, chloroform, alcohol, and glacial acetic acid. Uses—source of turpentine oil.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
J M Baird Co, 254 W 31 St, N Y 1
Chematar Inc, 40 Exchange Pl, N Y 5
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
International Commodities Corp, 11 Mercer St, N Y 13
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kingston Chem Co, 15 William St, N Y 5
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*S B Penick & Co, 50 Church St, N Y 7
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
G A Wharry & Co, 95 Broad St, N Y 4

TURPENTINE, SPIRITS (Terebenthene)

$C_{10}H_{16}$. Colorless liq. Sp. gr. 0.860-0.865. B.P. 155-162°C. Sol. ether, chloroform, carbon disulfide. Uses—mfr. synth. perfumes and camphor, terpin hydrate, eucalyptol, pharmaceutical and detersive preps., ointments, liniments, soaps, lubricating and insecticidal compositions, sealing wax, ceramics, stove polishes, laundry glosses, vermin destroyers, rubber cements, belt dressings; refining petroleum; engraving and lithography; as insecticide; thinner in paints, varnishes, stains, lacquers, and enamels; general solvent for various purposes; solvent for various varnish and paint resins and other ingredients, resins, waxes, rubber, etc., printing textiles, printing inks, floor, furniture, shoe, and leather polishes, and patent leather; in medicine. Grades—gum spirits; wood spirits. (Wood-steam distilled and destructively distilled).

● Pkg—1, 5, 55 gal. drums.

J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Crosby Chem, P O Box 32, De Ridder, La
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
Fritzsche Bros, 76 9 Ave, N Y 11
William S Gray & Co, 342 Madison Ave, N Y 17
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
Lewis Chem Co, 232 Canal St, N Y 13
*Magnus, Mabee & Reynard, 16 Desbrosses St, N Y 13
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
G A Wharry & Co, 95 Broad St, N Y 4
*White Cross Labs, 79 Wall St, N Y
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

TURPENTINE, STEAM-DISTILLED WOOD

$C_{10}H_{16}$. Colorless liq. Sp. gr. 0.860-0.866. Refractive Index 1.465-1.468 at 20°C. B.P. 150°-170°C. Sol. in ether, chloroform. Uses—same as gum turpentine.

● Pkg—1, 5, 55 gal. drums.

S L Abbot Co, 135 King St, San Francisco 7, Cal
Allied Raw Materials Co, 38 Park Row, N Y 38
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Baer Bros, 438 W 37 St, N Y 18
J M Baird Co, 254 W 31 St, N Y 1
*Godfrey L Cabot, 77 Franklin St, Boston, Mass
*Crosby Chem, P O Box 32, De Ridder, La
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
*Dixie Pine Products Co, P O Drawer 470, Hattiesburg, Miss
William S Gray & Co, 342 Madison Ave, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Selberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
International Commodities Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
Philipp Bros Chem, 37 Wall St, N Y 5
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
Sessions & Gifford Co, 255 Allens Ave, Providence, R I
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Southern Naval Stores Div, Columbia, Miss
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
G A Wharry & Co, 95 Broad St, N Y 4

***dl*-TRYPTOPHAN**
AND OTHER
AMINO ACIDS
•
SPECIAL CHEMICALS DIVISION
Winthrop-Stearns INC.
1450 BROADWAY, NEW YORK 18, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

TURPENTINE SUBSTITUTES

Special fractions of petroleum oils (usually with a B.P. of 130-160°C, and a Sp. gr. of 0.74-0.77) used in the place of turpentine as a paint thinner, etc.

*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Hutchman Co, P O Box 386, Lakeland, Fla
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*Shell Oil Co, 50 W 50 St, N Y 20
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
G A Wharry & Co, 95 Broad St, N Y 4

TURPENTINE, SULFATE, CRUDE

*Brown Co, 150 Causeway St, Boston, Mass
*Camp Mfg Co, Franklin, Va
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
G A Wharry & Co, 95 Broad St, N Y 4

TURPENTINE, SULFATE, WOOD

Recovered from the sulfate cooking of wood pulp in the mfr. of kraft paper. Water-white liq. Uses—as thinner in paint, for same purposes as the other turpentines.
● Pkg—1, 5, 55 gal. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Brown Co, 150 Causeway St, Boston, Mass
*Camp Mfg Co, Franklin, Va
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
William S Gray & Co, 342 Madison Ave, N Y 17
*Newport Industries, 230 Park Ave, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, N Y
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17
G A Wharry & Co, 95 Broad St, N Y 4
Zophar Mills, 103 26 St, Bklyn 32, N Y

TURPENTINE, VENICE

Yellowish liq., pleasant aromatic odor. Sp. gr. 0.865-0.878. Optical No. —8 to —11°C. Refractive No. 1.46924. Acid No. 0. Ester No. 5.9. Sol. alcohol, ether, glacial acetic acid and acetone. Uses—mfr. varnishes. Grades—true Venice; artificial.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*S B Penick & Co, 50 Church St, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

TYROSINE (l-Tyrosine; a-Amino-b-p-Hydroxyphenylpropionic Acid; b-p-Hydroxyphenyl-Alanine)

$HOC_6H_4C_2H_3(NH_2)COOH$. M.W. 181.28. White, crystalline powd.; forms needles when crystallized from aqueous solution. M.P. decomp. at 290°C. Sp. gr. 1.456 at 20°C. Very sl. sol. in water and alcohol; insol. in ether; sol. in dilute acids and alkalies. Grades—C.P., practical.
● Pkg—Custom packed.

Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*H M Chem Co, 144 N Hayworth Ave, Los Angeles 48, Cal
*Lack Chem Co, 19 Park Pl, N Y 7
Nepera International Corp, 37 Wall St, N Y 5
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Polychemical Co, 494 Huntspoint Ave, N Y 59
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
*Sheffield Chem Co, P O Box 630, Norwich, N Y
*A E Staley Mfg Co, Box 151, Decatur 60, Ill.
*Winthrop-Stearns, 1450 Broadway, N Y 18

TYROSINE-l, NATURAL (p-Hydroxyphenyl-a-Aminopropionic Acid, Hydroxyphenylalanine)

$C_9H_{11}O_3N$. M.W. 181. White needles. Uses—plant and animal proteins.

*Bios Labs, 17 W 60th St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*International Minerals & Chem Corp, Amino Products Div, 20 N Wacker Dr, Chicago 6, Ill
*Nelson-Wells & Co, Box 348, Red Bluff, Cal
*Roussel Corp, 155 E 44 St, N Y 17
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

TYROTHRICIN

Principally a mixture of gramicidine and tyrocidine hydrochloride containing at least 20% gramicidin. White powd. Practically insol. water; sol. many organic solvents. Stable aqueous solutions may be prepared with selected surface active agents. Uses—antibiotic topical applications; formulations for nose drops, nasal sprays, throat lozenges, ointments, wet dressings.

Bios Labs, 17 W 60 St, N Y 23
Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
Nepera International Corp, 37 Wall St, N Y 5
*S B Penick & Co, 50 Church St, N Y 7
Frank Samuel & Co, 24 State St, N Y 4
*Wallerstein Co, 180 Madison Ave, N Y 16

ULTRAFILTRATES, EMBRYO EXTRACT

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

ULTRAFILTRATES, SERUM

*Microbiological Associates, 4846 Bethesda Ave, Washington 14, D C

ULTRAMARINE BLUE (Lapis Lazuli, Artificial)

$Na_7Al_6Si_6O_{24}S_2$. Dark blue, amorp. lumps or powd. Natural and mfr. Uses—mfr. laundry blue, artists' colors, mottled soaps, blue cement, tiles and other ceramic products, printing inks, paints and varnishes; general blue pigment; printing calico; whitening sugar; lithography and bookbinding; added to correct yellowish tinge in textiles and white writing paper; printing wallpaper; coloring paper, match head compositions, rubber, patent leather, sealing wax, oil-cloth, linoleum, celluloid, and other plastics. Grades—tech.
● Pkg—Custom packed.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Calco Chem Div, Bound Brook, N J
Stanley Doggett Inc, 75 Varick St, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Standard Ultramarine & Color Co, 24 St & 5 Ave, P O Box 2166, Huntington, W Va

ULTRAMARINE YELLOW see Barium Yellow

UMBERS

Brown, amorp. powd. Natural. Sp. gr. 2.68 (raw), 3.80 (burnt). Uses—mfr. stains and enamels; paint and varnish pigment; in printing trades; coloring leather, textiles, paper, wallpaper, inks, and wood. Grades—based on tinctorial power and iron content, best coming from Cyprus.
● Pkg—Bags.

Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Stanley Doggett Inc, 75 Varick St, N Y 13
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mineral Pigments Corp, Washington Blvd, Mulrkirk, Md
*Prince Mfg Co, Lehigh St, Bowmanstown, Pa
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*C K Williams & Co, 2001 Lynch Ave, E St Louis, Ill

n-UNDECYL BROMIDE

● Pkg—Custom packed.

*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
*Halogen Chem, 1505 Charlton Dr, Columbia 3, S C
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

URACIL

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Lack Chem Co, 19 Park Pl, N Y 7
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

URANIC OXIDE see Uranium Oxide

URANINE

$C_{20}H_{10}O_5Na_2$. M.W. 376.18. Sodium salt of fluorescein. Yellowish-brown powd. Sol. water, alcohol. Uses—medicine; dyeing of silk and wool.
● Pkg—Custom packed.

*Calco Chem Div, Bound Brook, N J
City Chem Corp, 132 W 22 St, N Y 11
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
Republic Chem Corp, 94 Beekman St, N Y 38

URANIUM DIOXIDE see Uranium Oxide

URANIUM NITRATE (Uranyl Nitrate)

$UO_2(NO_3)_2 \cdot 6H_2O$. Yellow, odorless cryst. Sp. gr. 2.807. M.P. 60.2°C. B.P. 118°C. Sol. water, alcohol, ether. Uses—mfr. uranium salts, uranium glass; in photography and medicine. Grades—tech.; C.P.; U.S.P.
● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
Hooper Chem Corp, P O Box 313, Rutherford, N J
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col

HERCULES



TURPENTINE

Steam-distilled wood turpentine, a pure spirits of turpentine. Conforms with A.S.T.M. and Federal Specifications.



HERCULES POWDER COMPANY
978 Market St., Wilmington, Del.

URANIUM OXIDE (Uranic Oxide, Pitchblende, Uranium Dioxide)

U_3O_8. Black, or orange-red, amorp. powd. Sp. gr. 7.31. Sol. acids; insol. water. Uses—mfr. ceramics, paint pigments, glass; as chemical catalyst; in photography. Grades—tech.

City Chem Corp, 132 W 22 St, N Y 11
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*S W Shattuck Chem Co, 1805 S Bannock St, Denver 19, Col
George F Smith, 60 E 42 St, N Y 17

URANYL NITRATE see Uranium Nitrate

UREA (Carbamide, Carbonyldiamide)

$CO(NH_2)_2$. White cryst. M.W. 60.047. Sp. gr. 1.335 at 20°/4°C. (solid). M.P. 132.7°C. Sol. water, alcohol, benzene; sl. sol. ether. Uses—mfr. various intermediate chemicals and pharmaceuticals; as fertilizer; stabilizer in explosives and nitrocellulose plastics; in medicine. Grades—tech.; C.P.
● Pkg—80, 100 lb. bags, 100, 225 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
Adams-Henry Chem Co, 32 Broadway, N Y 4
*Allied Chem & Dye Corp, Nitrogen Div, 40 Rectar St, N Y 6
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31st St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
M H Baker Co, 2012 S Girard Ave, Minneapolis 5, Minn
Barclay Chem Co, 75 Varick St, N Y 13
Browning Chem Corp, 150 Broadway, N Y
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
Chematar Inc, 40 Exchange Pl, N Y 5
De Bear Inc, 636 11 Ave, N Y 36
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Polychem Dept, Wilmington 98, Del
Elbert & Co, 2 Broadway, N Y 4
Esor Chem Co, 205 E 42 St, N Y
European Chem Co, 366 Broadway, N Y 13
Fallek Products Co, 163 Broadway, N Y 6
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

NITROGEN DIVISION ALLIED CHEMICAL

Urea

Other Nitrogen Division Products

Ammonia Liquor
Ammonium Nitrate Solutions
Ammonium Sulphate
Anhydrous Ammonia
Diethylene Glycol
Ethylene Glycol
Ethylene Oxide
Formaldehyde
Methanol
Nitrogen Solutions
Nitrogen Tetroxide
Sodium Nitrate
U.F. Concentrate-85

Nitrogen Division
ALLIED CHEMICAL & DYE CORPORATION
40 RECTOR STREET, NEW YORK 6, N.Y.

See Our Catalog Ad

CMC

UREA

C
Sodium Bicarbonate
Trichlorethylene
Ammonium Chloride
Tropical Bleaching Powder (stabilized)
Chloroform
Sodium Perborate

M
Ammonium Carbonate
Ammonium Bicarbonate
Sodium Sulfide
Sodium Hydrosulfite
Chlorinated Paraffin

C
Cyanides
Copper
Potassium
Sodium
Zinc
Sodium Aluminate
*'Alphanol 79'
'Nonanol'

*ICI trade name.

CHEMICAL MANUFACTURING CO.
INCORPORATED
New York 22, N. Y. 444 Madison Avenue
San Francisco 4, Cal. 369 Pine Street

UREA
46%

ATTRACTIVELY PRICED

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CRYSTAL UREA

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DU PONT
REG. U.S. PAT. OFF.
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POLYCHEMICALS
DEPARTMENT

Looking for nearest branch office: See Catalog Section

UREA continued

Goiwynne Chem Corp, 1420 Lexington Ave, N Y 17
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
*International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 3, R I
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mercer Chem Corp, 11 Mercer St, N Y 13
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
Oil & Chem Products, 295 Madison Ave, N Y 17
Charles Page & Co, 50 E 42 St, N Y 17
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
Scher Bros, 519 Getty Ave, Clifton, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
Ben P Steele Co, 342 Madison Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tobey Chem Co, 1472 Broadway, N Y 36
Joseph Turner & Co, Ridgefield, N J
George Uhe Co, 76 9 Ave, N Y 11
United Sterling Chem Corp, 350 5 Ave, N Y 1
Wallach-Gracer Export Corp, 55 W 42 St, N Y 36
*White Cross Labs, 79 Wall St, N Y

UREA PEROXIDE

● Pkg—100 lb. drums.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y

URETHAN see also Ethyl Carbamate

URNER'S LIQUID see Acid, Dichloroacetic

UROTROPIN see Hexamethylenetetramine

g-VALEROLACTONE

*Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y

dl-VALINE

$(CH_3)_2CHCH(NH_2)COOH$. M.W. 117.1. White crystalline powd. Uses—essential amino acid. L. M.P. 298°C with decomp. Partly sol. water; very sl. sol. alcohol, ether.

● Pkg—1, 5 lb. bottles.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Lack Chem Co, 19 Park Pl, N Y 7
*Merck & Co, Rahway, N J
*Pfanstiehl Chem Co, 104 Lake View Ave, Waukegan, Ill
*Smith-N Y Co, 69 Hampton Pl, Freeport, N Y
*Winthrop-Stearns, 1450 Broadway, N Y 18

VANADIUM CHLORIDE

*Variacoid Chem Co, 116 Broad St, N Y 4

VANADIUM, METAL

V. At. Wt. 50.95. flare metal, light gray in color. Sp. gr. 5.866. M.P. 1715°C. Insol. in water or alcohol but sol. in acids. Uses—in metallurgy; mfr. of catalyst.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

VANADIUM PENTOXIDE (Vanadic Acid Anhydride)

V_2O_5. M.P. 181.9. Yellowish or red crystalline powd. Sp. gr. 3.357. M.P. 690°C. Sol. mineral acids, alkalies; sl. sol. water. Uses—mfr. black ink, vanadium salts, ceramics; inoculation for plants; ultra violet transmission; catalyst in making intermediates, organic chemicals, aniline black, dyes, and sulfuric acid; coloring glass red; photographic developer and toner; dyeing textiles; in medicine. Grades—tech.; C.P.; air dried and fused.

Amend Drug & Chem Co, 117 E 24 St, N Y 10
City Chem Corp, 132 W 22 St, N Y 11
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

VANADIUM SULPHATE (Vanadyl Sulfate)

$(VO)_2(SO_4)_3$. Blue cryst. powd. Sol. water. Uses—mfr. colored glass, blue and green glazes on pottery and porcelain; tech. mordant in dyeing and printing textiles.

*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

VANADYL SULFATE see Vanadium Sulphate

VAN DYKE BROWN (Cassel Brown, Cassel Earth, Cologne Brown, Cologne Earth, Rubens Brown, Ulmin Brown)

Natural solid. Made from limited number of lignites. Insol. water. Uses—paint pigment.

*American Lignite Products Co, P O Box 5, Ione, Cal
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Charles B Chrystal Co, 53 Park Pl, N Y 7
Stanley Doggett Inc, 75 Varick St, N Y 13
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

VANILLIN (Methylprotocatechuic Aldehyde, Methoxyhydroxy-Benzaldehyde)

$C_8H_8O_3$. M.W. 152.1. Colorless needles. M.P. 80°C. Sp. gr. 1.056. Sl. sol. water, sol. alcohol, ether or glycerol. Uses—as a reagent; flavoring agent. ●Pkg—1, 5 lb. cartons, 5 lb. bottles, 5, 25 lb. cans, 25, 100 lb. drums.

American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 S Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
Consumers Products Co, 99 Hudson St, N Y 13
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dow Chem Co, Midland, Mich
Fallek Products Co, 163 Broadway, N Y 6
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fries & Fries, 110 E 70 St, Cincinnati 16, Ohio
Fritzsche Bros, 76 9 Ave, N Y 11
Gane & Ingram, 43 W 16 St, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
*Merck & Co, Rahway, N J
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
Polak & Schwarz, 667 Washington St, N Y 14
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
*Salvo Chem Corp, Rothschild, Wis
*Sterwin Chem, 1450 Broadway, N Y 18
Tombarel Products Corp, 12 E 22 St, N Y 10
*Verona Chem Co, 26 Verona Ave, Newark 4, N J
O J Weeks Co, 44 N Moore St, N Y 13

o-VANILLIN see 2-Hydroxy-3-Methoxy-Benzaldehyde

VARNISH BASES

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Bell-Ray Chem Corp, 1608 W Clybourn St, Milwaukee 3, Wis
*General Electric Co, Chem Div, Pittsfield, Mass
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Reichhold Chem, 630 5 Ave, N Y 20
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

VARNISHES, ACID AND ALKALI RESISTANT

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Reichhold Chem, 630 5 Ave, N Y 20
*Rudd Paint & Varnish Co, 1608 15 Ave, W, Seattle 99, Wash
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*United States Varnish Co, 652 Franklin Ave, Hasbrouck Heights, N J
*Varnitan Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, ASPHALT

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

VARNISHES, BAKING

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Bakelite Co, 30 E 42 St, N Y 17
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

UREA CRYSTALS

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European Origin

UNITED STERLING CHEMICAL CORPORATION

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VANILLIN

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1450 BROADWAY, NEW YORK 18, N. Y.

2020 Greenwood Ave., Evanston, Ill.

FACTORY: BOTHSCHILD, WISCONSIN

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

VARNISHES, BAKING continued

*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, BRONZING

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa
*Zophar Mills, 103 26 St, Bklyn 32, N Y

VARNISHES, FURNITURE

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37th St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, GLOSS

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*L Hemmerdinger & Co, 424-36 E 123 St, N Y 35
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*G A Wharry Co, 95 Broad St, N Y 4
*John H Witte & Sons, Burlington, Iowa

VARNISHES, INSULATING

*Baer Bros, 438 W 37 St, N Y 18
*Bakelite Co, 30 E 42 St, N Y 17
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Catalin Corp of America, 1 Park Ave, N Y 16
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*General Elec, Chem Div, Pittsfield, Mass
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Irvington Varnish & Insulator Co, 6 Argyle Terrace, Irvington 11, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Sauereisen Cements Co, 1045 N Canal St, Pittsburgh 15, Pa
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70th St, Cleveland 2, Ohio

VARNISHES, LABELING

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*National Lead Co, 111 Broadway, N Y 6
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17

VARNISHES, LAMINATING

*Bakelite Co, 30 E 42 St, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Borden Co, Chem Div, 350 Madison Ave, N Y 17
*Catalin Corp of America, 1 Park Ave, N Y 16
*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Monsanto Chem Co, Plastics Div, Springfield 2 Mass
*Reichhold Chem, 630 5 Ave, N Y 20
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

VARNISHES, LITHOGRAPHIC

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Midwest Consultants, 5147 Brown Ave, St Louis 15, Mo
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

VARNISHES, METAL

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

VARNISHES, OLEO-RESINOUS

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*Damon Chem Co, Box 774, Alliance, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, PRINTING INK

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Braden Sutphin Ink Co, 3800 Chester Ave, Cleveland 14, Ohio
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Capitol Printing Ink Co, 806 Channing Pl, N E, Washington 18, D C
*John P Carlson, Inc, 420 Carroll St, Bklyn 15, N Y
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Reichhold Chem, 630 5 Ave, N Y 20
*Schenectady Varnish Co, P O Box 1046, Schenectady 1, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

VARNISHES, ROSIN

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*National Rosin Oil Products, R K O Bldg, Radio City, N Y 20
*Reichhold Chem, 630 5 Ave, N Y 20
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

VARNISHES, SHELLAC

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*Baer Bros, 438 W 37 St, N Y 18
*Bradshaw-Praeger & Co, 3252 W 47 Pl, Chicago 32, Ill
William Diehl & Co, 330 W 42 St, N Y 36
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Shields Buying Service, 15 Moore St, N Y 4
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Twin City Shellac Co, 330-340 Flushing Ave, Bklyn 5, N Y
*William Zinsser & Co, 516 W 59 St, N Y 19

VARNISHES, SILICONE

*Dow Corning Corp, Midland, Mich
*General Elec, Chem Div, Pittsfield, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Midland Industrial Finishes Co, E Water St, Waukegan, Ill
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y

VARNISHES, SPAR

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Chemsol Inc, 74 Dod Court, Elizabeth 3, N J
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, SYNTHETIC

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*American Lithographic Varnish Co, 926 Harrison Ave, Kearny, N J
*Baer Bros, 438 W 37 St, N Y 18
*Bakelite Co, 30 E 42 St, N Y 17
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Bell Chem Co, 25 W 44 St, N Y 36
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Electric Co, Chem Div, Pittsfield, Mass
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Industrial Resin Corp, Jefferson Rd, Whippany, N J
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*David E Long Corp, 220 E 42 St, N Y 17
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Lead Co, 111 Broadway, N Y 6
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Pruett-Schaffer Chem Co, Tabor St, Pittsburgh 4, Pa
*Reichhold Chem, 630 5 Ave, N Y 20
*Rowe Paint & Varnish Co, Niagara Falls, N Y
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, TIN PLATE

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

VARNISHES, WATERPROOF

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Impervious Paint & Varnish Co, 1672-86 Kinsey St, Phila 24, Pa
*Interchemical Corp, Finishes Div, 224 McWhorter St, Newark, N J
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Schenectady Varnish Co, P O Box #1046, Schenectady 1, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Varnitor Co, 416 N Varney St, Burbank, Cal
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J
*John H Witte & Sons, Burlington, Iowa

VARNISHES, WRINKLE

*Adelphi Paint & Color Wks, 86-00 Dumont Ave, Ozone Park 17, N Y
*Baer Bros, 438 W 37 St, N Y 18
*Basic Varnish & Research Corp, 215 N 10 St, Bklyn, N Y
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Hilton Davis Chem Co Div, 2235 Langdon Farm Rd, Cincinnati 13, Ohio
*A C Horn Co Div, 10-10 44 Rd, L I C, N Y
*Howe & French, 99 Broad St, Boston, Mass
*Jones-Dabney Co, 1481 S 11 St, Louisville, Ky
*Maas & Waldstein Co, 2121 McCarter Highway, Newark 4, N J
*C J Osborn Co, 132 Nassau St, N Y 38
*Reichhold Chem, 630 5 Ave, N Y 20
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard-Toch Chem, 2600 Richmond Terrace, Staten Island 3, N Y
*George D Wetherill Varnish Co, Haddon Ave & White Horse Pike, Camden 3, N J

VAUQUETINE see Strychnine Alkaloid

VEGETABLE CHARCOAL see Charcoal

VEGETABLE SPERMACETI see Wax, Chinese

VENETIAN RED see Iron Oxide, Red

VENUS CRYSTALS see Copper Acetate

VERMICULITE

$3MgO—(FeAl)_2O_3.3SiO_2$. A mineral. Uses—tabulation of the Tennessee Valley Authority shows the following uses for calcined vermiculite: insulation, in acoustic plaster, refractory brick, as a filler in plastics, in grease lubricants, in tires and rubber goods, wallpaper printing, outdoor advertising paints, extender for gold and bronze printing ink or paint.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
C R Graybeal & Sons, Roan Mountain, Tenn

VERATRUM VIRIDE see Hellebore Root

VERMILION see Mercury Sulfide, Red

VERT DE MITIS see Copper Acetoarsenite

VERT DE VIENNE see Copper Acetoarsenite

VIENNA GREEN see Copper Acetoarsenite

VINE BLACK

Obtained from spent wine yeast. Black solid. Uses—artists colors; copper plate printing. Grades—tech.

Stanley Doggett Inc, 75 Varick St, N Y 13
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y

VINEGAR NAPHTHA see Ethyl Acetate

VINIC ETHER see Ether

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

a new

Celanese* CHEMICAL

VINYL ACETATE MONOMER

Basic for adhesives, textile finishing, water-based paints, safety glass interlayers, synthetic fibers, soil conditioners, vinyl sheeting, film, wire coatings.

See Celanese Catalog in Catalog Section

CELANESE CORPORATION OF AMERICA

CHEMICAL DIVISION

180 Madison Avenue, New York 16

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See Our Catalog Ad

VITAMINS

- Crystalets® (CRYSTALLINE VITAMIN A ACETATE STABILIZED)
- A & D CRYSTALETS®
- VITAMIN A ACETATE IN OIL
- VITAMIN A PALMITATE
- THIAMINE MONONITRATE (B_1)
- THIAMINE HYDROCHLORIDE (B_1)
- RIBOFLAVIN (B_2)
- PYRIDOXINE HYDROCHLORIDE (B_6)
- CALCIUM PANTOTHENATE DEXTROROTATORY
- NIACIN
- NIACINAMIDE
- VITAMIN B_{12} ORAL GRADE SOLIDS
- VITAMIN B_{12} CRYSTALLINE
- VITAMIN B_{12} TRITURATES
- ASCORBIC ACID (C)

CHAS. PFIZER & CO., INC.

630 Flushing Ave., Brooklyn 6, N. Y.
425 N. Michigan Ave., Chicago 11, Ill.
1500 Sixteenth St., San Francisco 3, Calif.
4820 Loma Vista Ave., Vernon 58, Calif.
1151 Chattahoochie Ave., N.W., Atlanta, Ga.

*Trade Mark

Pfizer

Pioneers & Leading Manufacturers of Vitamins

VINYL ACETATE

$CH_2:CH.CO_2CH_3$. M.W. 86.05. Colorless liq. Sp. gr. 0.9342 (20°C/20°C). B.P. 163°C. Refractive Index 1.3958. F.P. —5°C to 8°C. Uses—mfr. synth. vinyl resins.

*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
*American Polymer Corp, 103 Foster St, Peabody, Mass
J M Baird Co, 254 W 31 St, N Y 1
*Bakelite Co, 30 E 42 St, N Y 17
Barclay Chem Co, 75 Varick St, N Y 13
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Shawinigan Products Corp, 350 5 Ave, N Y 1

VINYL BENZENE see Styrene Monomer

VINYL CHLORIDE (Ethenyl Chloride, Chloroethylene, Chloroethene)

CH_2CHCl. M.W. 62.48. Gas. B.P. —18°C at 760 mm. Sp. gr. at 20°/20°C. 0.9121 and 0.9730 at —15°/4°C. Uses—synthesis.
● Pkg—1, 75, 200 lb. cylinders.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Molding Powder & Chem Corp, 703 Bedford Ave, Bklyn 6, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Dow Chem Co, Midland, Mich
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Monsanto Chem Co, Texas Div, Box 1311, Texas City, Tex

VINYL CYCLOHEXENE

*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

VINYL-ETHYLENE see Butadiene

VINYL PYRIDINE

$C_6H_4NCHCH_2$. Boils at 159°C with resinification (76 mm). Sl. sol. water; sol. dilute aqueous acids; sol. common organic solvents. Uses—mfr. of synth. elastomers; pharmaceuticals; organic synthesis.

J M Baird Co, 254 W 31 St, N Y 1
Monomer-Polymer, 511 Lancaster St, Leominster, Mass
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind

VINYL RESIN PLASTICIZERS

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
American Mineral Spirits Co, 155 E 44 St, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
W W Angus, 220 Broadway, N Y 38
*Atlas Powder Co, Wilmington 99, Del
J M Baird Co, 254 W 31 St, N Y 1
Bell Chem Co, 25 W 44 St, N Y 36
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Celanese Corp of America, 180 Madison Ave, N Y 16
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Deecy Products Co, 120 Potter St, Cambridge 42, Mass
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Emery Industries, Carew Tower, Cincinnati 2, Ohio
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Howe & French, 99 Broad St, Boston, Mass
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Monsanto Chem Co, Organic Chem Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Neville Co, Neville Island, Pittsburgh 25, Pa
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pan American Chem Div, 122 E 42 St, N Y 17
Plastichemicals Co, 1 Beekman St, N Y 38
*Specialty Resins Co, 2801 Lynwood Rd, Lynwood, Cal
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

VIROLOGY see Tissue Culture Media

VISCOSITY IMPROVERS, DRYING OILS

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Jones-Dabney Co, 1401 S 11 St, Louisville, Ky
Ross & Rowe, 50 Broadway, N Y 4
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

VISCOSITY IMPROVERS, LUBRICANTS

*American Polymer Corp, 103 Foster St, Peabody, Mass
*General Aniline Works Div, Commercial Development Dept, 435 Hudson St, N Y 14
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

VISCOSITY IMPROVERS, OILS

*American Polymer Corp, 103 Foster St, Peabody, Mass
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Patent Chem, 335 McLean Blvd, Paterson 4, N J
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

VITAMIN A

● Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
*Barnett Labs, 6256 Cherry Ave, Long Beach 5, Cal
Philip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
*Collott-Week-Nibecker, Quimby St, Ossining, N Y
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Maxim Chem Co, 44 Cliff St, N Y 38
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nutritional Research Associates, S Whitley, Ind
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterwin Chem, 1450 Broadway, N Y 18
Thompson-Hayward Chem Co, 2945 Southwest Blvd, Kansas City 8, Mo
Tuteur Bio-Chem, 52 Wall St, N Y 5
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

DPi VITAMINS A&E

Myvax® Vitamin A Palmitate and Myvax Vitamin A Acetate, man-made vitamin A biologically identical with the natural.

Natural Esters of Vitamin A, concentrates produced by molecular distillation from fish liver oils.

Vitamin E, both as distilled concentrates of *d*-alpha-tocopheryl acetate in various potencies and as pure crystallized *d*-alpha-tocopheryl acetate, equivalent to approximately 1360 International Units of Vitamin E per gram.

Myvamix Vitamin E Feed Supplement carrying 20,000 I. U. of Vitamin E per pound on a soy meal base.

Mixed Tocopherols, distilled concentrates containing 500, 400, or 340 mg of mixed *d*-tocopherols per gram (at least one-half in *d*-alpha-tocopherol form).

For information write to:

DISTILLATION PRODUCTS INDUSTRIES
Rochester 3, N. Y.

Distillation Products Industries *is a division of* Eastman Kodak Company

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

VITAMIN B_1 (Thiamine Hydrochloride)

$C_{12}H_{17}ClN_4OS.HCl$. M.W. 337.27. White crystalline powd. Uses—carbohydrate metabolism in the organism.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 7
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*Sterwin Chem, 1450 Broadway, N Y 18
*Toelle Chem Co, R D 1, Box 75, Newton, N J
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

VITAMIN B_2

$C_{17}H_{20}N_4O_6$. M.W. 376.36. Orange-yellow, crystalline product, melting at 280-290°C (with decomp.). It is only sl. sol. in water (0.0025 gram in 100 cc), the solution exhibiting an intense yellow-green fluorescence. Readily sol. in caustic soda solution, alcohol, cyclohexanol, and amyl acetate. Insol. in ether, chloroform, acetone, and benzol. The pure crystalline vitamin is sensitive to light, but it is stable in the dark even at high temp. It is also stable toward most oxidizing agents but can be reversibly reduced. A deficiency of this vitamin has an effect on growth and leads to skin lesions of various types. Riboflavin is generally used medicinally but is an essential ingredient of the new enriched flour.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Publicker Industries, 1429 Walnut St, Phila, Pa
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*Sterwin Chem, 1450 Broadway, N Y 18
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*United States Industrial Chem Co Div, 120 Broadway, N Y 5

VITAMIN B_5

● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Bios Labs, 17 W 60 St, N Y 23
Gane & Ingram, 43 W 16 St, N Y 11
*Nepera International Corp, 37 Wall St, N Y 5
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Tuteur Bio-Chem, 52 Wall St, N Y 5

VITAMIN B_6 (Pyridoxine Hydrochloride, Vitamin B_6 Hydrochloride, 2-Methyl-3-Hydroxy-4,5-Di-(Hydroxymethyl)-Pyridine Hydrochloride)

M.W. 205.64. White, odorless, crystalline powd. Sol. water; sl. sol. alcohol; practically insol. ether. Uses—medicinal.
● Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterwin Chem, 1450 Broadway, N Y 18
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

NEPERA INTERNATIONAL CORPORATION
37 WALL STREET
NEW YORK, N. Y.

VITAMINS
SULFA DRUGS
HORMONES
ANTIBIOTICS

FOR EXPORT
CABLE ADDRESS—"NEPERACOR"

VITAMINS by the TONS

Make ROCHE your headquarters for:

Ascorbic Acid • Vitamin A acetate and palmitate • Biotin
Riboflavin • Sodium Ascorbate
Pyridoxine hydrochloride
Thiamine hydrochloride and mononitrate
Niacin • *dl*-alpha-Tocopherol acetate and unesterified • Niacinamide

VITAMIN DIVISION
HOFFMANN-LA ROCHE INC.
NUTLEY 10, N. J.
NUtley 2-5000

Pacific Coast: L. H. BUTCHER CO.
San Francisco, Los Angeles, Seattle, Portland, Salt Lake City

In Canada: Hoffmann-La Roche Ltd.
286 St. Paul Street, West,
Montreal, Quebec



*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

VITAMIN B_{12}

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
Charles L Hulsking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Merck & Co, Rahway, N J
*Merrimac Div, Monsanto Chem Co, Chemical Lane, Everett 49, Mass
Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
*Publicker Industries, 1429 Walnut St, Phila Pa
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Sterwin Chem, 1450 Broadway, N Y 18
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tuteur Bio-Chem, 52 Wall St, N Y 5
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill
*Wilson Labs Div, 4221 S Western Ave Blvd, Chicago 9, Ill

VITAMIN K

OIL and WATER SOLUBLE FORMS

UNEXCELLED QUALITY

ATTRACTIVELY PRICED

The J. M. Baird Company

MANUFACTURERS • IMPORTERS • EXPORTERS

254 W. 31st St. • New York 1, N. Y.

Cable Address: JOMBAIRD, NEW YORK

VITAMIN C (Ascorbic Acid)

$C_6H_8O_6$. M.W. 176.12. White crystalline powd.; odorless; characteristic acidic taste. Uses—essential to animal life; therapeutically in treatment of scurvey and primary allied hemorrhagic conditions.

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillp Bauer Co, 608 5 Ave, N Y 20
Bendix Chem Corp, 420 Lexington Ave, N Y 17
Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Hulsking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterwin Chem, 1450 Broadway, N Y 18
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11

VITAMIN CONCENTRATES

●Pkg—Custom packed.

Agkem Div, 506 Maine St, Quincy, Ill
American Roland Corp, 16 Hudson St, N Y
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
McKesson & Robbins, 155 E 44 St, N Y
*Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nutritional Research Associates, S Whitley, Ind
*Pendergrast Chem Co, 313 Chester Ave, S E, Atlanta, Ga
*Charles Pfizer & Co, 630 Flushing Ave, Bklyn 6, N Y
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITAMIN D

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Bios Labs, 17 W 60 St, N Y 23
*Collett-Week-Nibecker, Quimby St, Ossining, N Y
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
Retort Pharmaceutical Co, 42-25 9 St, L I C 1, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*Sterwin Chem, 1450 Broadway, N Y 18
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITAMIN D_2

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*Fallek Products Co, 163 Broadway, N Y 6
R W Greeff & Co, 10 Rockefeller Plaza, N Y 20
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
*Roussel Corp, 155 E 44 St, N Y 17
Frank Samuel & Co, 24 State St, N Y 4
*R P Scherer Corp, 9425 Grinnell Ave, Detroit 13, Mich
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Standard Brands, Special Products Div, 595 Madison Ave, N Y 22
*Sterwin Chem, 1450 Broadway, N Y 18
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tuteur Bio-Chem, 52 Wall St, N Y 5
George Uhe Co, 76 9 Ave, N Y 11
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITAMIN D_3

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Dawe's Labs, 4800 S Richmond St, Chicago 32, Ill
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Douglas Chem Corp, 1624 Darrow Ave, Evanston, Ill
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6
*Nepera International Corp, 37 Wall St, N Y 5
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*S B Penick & Co, 50 Church St, N Y 7
Rosenthal Bercow Co, 25 E 26 St, N Y
*Sterwin Chem, 1450 Broadway, N Y 18
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITAMIN E

●Pkg—Custom packed.

J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*Hoffmann-La Roche, Vitamin Div, Nutley 10, N J
Charles L Hulsking & Co, 45 Clinton Ave, Bklyn 5, N Y
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Nutritional Research Associates, S Whitley, Ind
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterwin Chem, 1450 Broadway, N Y 18
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITAMIN K (Menadione, 2-Methyl-1,4-Naphthoquinone, Menaphthene, Menaphthone)

M.W. 172.17. Bright yellow crystalline, nearly odorless powd. Practically insol. water; sl. sol. alcohol, chloroform, carbon tetrachloride; sol. benzene, vegetable oils. Uses—medicinal.

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Fallek Products Co, 163 Broadway, N Y 6
Gane & Ingram, 43 W 16 St, N Y 11
*Merck & Co, Rahway, N J
*Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank Samuel & Co, 24 State St, N Y 4
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sterone Corp, 250 W 57 St, N Y 19
*Toelle Chem Co, R D 1, Box 75, Newton, N J
George Uhe Co, 76 9 Ave, N Y 11
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

ACTH
ISONICOTINIC ACID HYDRAZIDE
INSULIN CRYSTALS
HORMONES

VITAMIN B12
SANTONIN NF8
ANTIBIOTICS
FOLIC ACID

P.A.S. & P.A.S. SODIUM

pioneers yesterday leaders today

TUTEUR-BIO-CHEMICALS Inc.

52 WALL STREET, NEW YORK, N. Y.

Cables: TUTEURCHEM, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

VITAMIN K_3

●Pkg—Custom packed.

American Roland Corp, 16 Hudson St, N Y
J M Baird Co, 254 W 31 St, N Y 1
Phillip Bauer Co, 608 5 Ave, N Y 20
Bios Labs, 17 W 60 St, N Y 23
Conray Products Co, 510 Ave of the Americas, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Nepera International Corp, 37 Wall St, N Y 5
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Vitamins Inc, 809 W 58 St, Chicago 21, Ill

VITRIOL see Zinc Sulfate

VOLCANIC ASH

Sedimentary rock composed of volcanic dust, ashes and cinders. Uses—as an abrasive material when processed.

Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Hammill & Gillespie, 225 Broadway, N Y 7
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Moore Chem Mfg Co, 4333 University Sta, Tucson, Ariz
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13

VULCANIZING AGENTS, RUBBER

*Calco Chem Div, Bound Brook, N J
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harsyd Chem, 397 W 21 St, Holland, Mich
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*J M Huber Corp, 100 Park Ave, N Y 17
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Rare Metal Products Co, Atglen, Pa
*Stauffer Chem Co, 420 Lexington Ave, N Y 17

WALL SALTPETER see Calcium Nitrate

WALNUTSHELL FLOUR

*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
Chemical Service Corp, 82 Beaver St, N Y 5
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio

WARFARIN

S L Abbot Co, 135 King St, San Francisco 7, Cal
J M Baird Co, 254 W 31 St, N Y 1
Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
Henley & Co, 801 2 Ave, N Y 17
Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex
*S B Penick & Co, 50 Church St, N Y 7
*Prentiss Drug & Chem Co, 116 William St, N Y 38
Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

WATER GLASS see Sodium Silicate

WATERPROOFING AGENTS, ASPHALT EMULSION

*American Bitumuls & Asphalt Co, 200 Bush St, San Francisco 4, Cal
*American Lignite Products Co, P O Box 5, Ione, Cal
*Armstrong Cork Co, Lancaster, Pa
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Napco Chem Co, Logan & Davis Sts, Harrison, N J
*Pabco Products, 475 Brannan St, San Francisco, Cal
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio

WATERPROOFING AGENTS, COLORLESS

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Apex Chem Co, 225 W 34 St, N Y 1
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Dow Corning Corp, Midland, Mich
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill

The First Name in Vitamins

DURING the last two decades, Merck scientists and their collaborators have played a pioneering role in the isolation, synthesis, and commercial development of pure vitamins. Merck research has been instrumental in providing, on a tonnage basis, vitamins recognized for unexcelled purity, uniformity, and ease-of-formulation.

Merck Vitamins:



Vitamin A Palmitate
Vitamin A Acetate
Thiamine Hydrochloride U.S.P.
Thiamine Hydrochloride U.S.P. for Ampuls
Thiamine Mononitrate U.S.P.
Riboflavin U.S.P.
Calcium Pantothenate Dextrorotatory
Folic Acid U.S.P.
Niacin U.S.P.
Niacinamide U.S.P.
Pyridoxine Hydrochloride
Crystalline Vitamin B_{12} U.S.P.
Triturations of Crystalline Vitamin B_{12}
Vitamin B_{12} Solids
Ascorbic Acid U.S.P.
Sodium Ascorbate
Alpha Tocopherol
Alpha Tocopheryl Acetate
Menadione U.S.P.
Vitamin K_1
Choline Chloride

Research and Production for the Nation's Health

MERCK & CO., INC.
Manufacturing Chemists
RAHWAY, NEW JERSEY

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

silicone
WATER REPELLENTS
for masonry

G.E.'s sodium methyl siliconate (SC-50) is a water solution containing 20% silicone which air-dries to provide superior weather and moisture protection for masonry and structural materials.

Water-soluble SC-50 can be applied from water solution or incorporated in integral mixes of cement paint, gypsum and concrete. It can be applied to damp surfaces. Non-inflammable, it eliminates the solvent hazard.

G.E.'s SR-53, a solvent solution containing 10% silicone, is a fast-drying masonry water repellent. It provides a transparent, highly water-repellent coating to practically all types of masonry. SR-53 does not seal the pores, permits masonry to "breathe."

For more information, write to General Electric Company, Section 355-6H, Waterford, New York.

GENERAL ELECTRIC

SILICONE
WATER REPELLENTS

Dow Corning Silicones, the most durably water repellent materials available, are used to treat insulator bodies, medicinal vials, leather, paper, masonry and textiles. Others show promise as soil stabilizers.

Dow Corning 200 Fluids applied to glass and ceramics provide a silicone surface which maintains its water repellency at temperatures 100°C above the limits of a waxed surface. Insulator bodies treated with these fluids have a high surface resistivity and low power factor. Drugs and medicines flow freely without waste from silicone treated vials.

DeCetex Textile Finishes give an excellent hand and a water repellent surface that has exceptional durability to both dry cleaning and laundering. They also impart stain and crease resistance, longer life and improved sewability. Such finishes contain no corrosive chemicals; have no residual odor; and can be applied from an aqueous emulsion with conventional finishing equipment.

Dow Corning 1109 water repellent for leather footwear, gloves, sporting and mechanical goods minimizes water absorption and transmission and improves resistance to chemicals and oils without changing the "breathing" characteristics of leather.

Silicone Masonry Water Repellents keep brick, concrete block and other above-grade masonry walls dry in the rain; reduces discoloration and efflorescence without changing texture or porosity.

DOW CORNING SILICONES

DOW CORNING CORP. MIDLAND, MICHIGAN

WATERPROOFING AGENTS, COLORLESS continued

*David E Long Corp, 220 E 42 St, N Y 17
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Witco Chem Co, 260 Madison Ave, N Y 16

WATERPROOFING AGENTS, ELECTRICAL

*American Lignite Products Co, P O Box 5, Ione, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Dow Corning Corp, Midland, Mich
*General Electric Co, Chem Div, Pittsfield, Mass
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*J Landau Co, 221 Wooster St, N Y 12
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WATERPROOFING AGENTS, LEATHER

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Fiber Chem Corp, P O Box 218, Matawan, N J
*H Gartenberg & Co, 412 W Pershing Rd, Chicago 9, Ill
*J Landau Co, 221 Wooster St, N Y 12
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

WATERPROOFING AGENTS, MASONRY

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Armstrong Co, 241 S Post St, Detroit 17, Mich
*Asphalt Emulsion Service, 331 Madison Ave, N Y 17
*Barrett Div, 40 Rector St, N Y 6
*California Flaxseed Products Co, 3135 E 26 St, Los Angeles 23, Cal
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Euclid Chem Co, 1534 Hayden Ave, E Cleveland 12, Ohio
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Elec, Chem Div, Pittsfield, Mass
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
E & F King & Co, 640 Pleasant St, Norwood, Mass
*J Landau Co, 221 Wooster St, N Y 12
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*McDougall-Butler Co, 2929 Main St, Buffalo 14, N Y
*Multi-Coat Corp, Bedford Glens Rd, Bedford, Ohio
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Stewart Chem Products, Longmont, Col
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tropical Paint & Oil Co, 1246 W 70 St, Cleveland 2, Ohio
*Witco Chem Co, 260 Madison Ave, N Y 16

WATERPROOFING AGENTS, RESIN BASE

*Adhesive Products Corp, 1660 Boone Ave, N Y 60
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Bakelite Co, 30 E 42 St, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*General Electric Co, Chem Div, Pittsfield, Mass
*Kendall Refining Co, Bradford, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*David E Long Corp, 220 E 42 St, N Y 17
*Midland Adhesive & Chem Corp, 2600 Goodrich, Ferndale, Mich
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Chem Co, 5920 Carthage Ave, Cincinnati 12, Ohio
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Rudd Paint & Varnish Co, 1608 15 Ave W, Seattle 99, Wash
*Scher Bros, 519 Getty Ave, Clifton, N J
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Stewart Chem Products, Lonemont, Col
*Fred'k A Stresan-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

WATERPROOFING AGENTS, TEXTILE

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Polymer Corp, 103 Foster St, Peabody, Mass
*American Resinous Chem Corp, 103 Foster St, Peabody, Mass
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Beechem Labs, 1102 W State St, St Johns, Mich
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carnegie Chem Mfg Co, 6363 Wilshire Blvd, Los Angeles 48, Cal
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*L W Ferdinand & Co, 18 Mica Lane, Newton Lower Falls, Mass
*Fiber Chem Corp, P O Box 218, Matawan, N J
*Benjamin Foster Co, 4635-37 W Girard Ave, Phila 31, Pa
*Gelgy Co, 89-91 Barclay St, N Y 8
*General Electric Co, Chem Div, Pittsfield, Mass
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlowe-Van Loan Corp, 1511 Byrum St, High Point, N C
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34 Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
Stanalchem, Inc, 350 Madison Ave, N Y 17
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Sullivan Co, 212 E Trigg Ave, Memphis, Tenn
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Textile Proofers, 181-193 Culver Ave, Jersey City 5, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Witco Chem Co, 260 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J

WATER PURIFICATION CARBONS

*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Permutit Co, 330 W 42 St, N Y 36
*West Virginia Pulp & Paper Co, 230 Park Ave, N Y 17

WATER PURIFICATION COMPOUNDS

*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Anderson-Stolz Corp, 1731-33 Walnut, Kansas City 8, Mo
*Chemical Labs, 1017 Sampson St, Houston 3, Tex
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Dearborn Chem Co, 375 Merchandise Mart, Chicago 54, Ill
*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
*John Wiley Jones Co, 100 Sunny Sol Blvd, Caledonia, N Y
E & F King & Co, 640 Pleasant St, Norwood, Mass
Merchants Chem Co, 60 E 42 St, N Y 17
Permutit Co, 330 W 42 St, N Y 36
*Perolin Co, 10 E 40 St, N Y 16
*Phelps-Dodge Refining Corp, 40 Wall St, N Y 5
*Philadelphia Quartz Co, 1168 Public Ledger Bldg, Phila 6, Pa
Siegel Chem Co, 3 Hanson Place, Bklyn 17, N Y
*Solvay Process Div, 61 Broadway, N Y 6
*Stauffer Chem Co, Pacific N W Div, P O Box 68, N Portland, Ore
*Superior Chem Works, 2538 Garland Ave, Louisville 11, Ky
*Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Wyandotte Chem Corp, Wyandotte, Mich

WATER REPELLENTS, SILICONE

*Anderson Labs, Weston, Mich
*Dow Corning Corp, Midland, Mich

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

*General Electric Co, Chem Div, Pittsfield, Mass
*David E Long Corp, 220 E 42 St, N Y 17
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Prufcoat Labs, 63 Main St, Cambridge 42, Mass
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Sika Chem Corp, 35 Gregory Ave, Passaic, N J
*Warwick Chem Div, 1010 44 Ave, LIC 1, N Y

WATER REPELLENTS, TEXTILE

*Alrose Chem Co, Box 1294, Providence 1, R I
*American Polymer Corp, 103 Foster St, Peabody, Mass
*Anderson Labs, Weston, Mich
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Glover M Birk, Mfg-Chemist, Monon & Lincoln Aves, New Albany, Ind
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Ciba Co, 627 Greenwich St, N Y 14
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Colloids Inc, 394 Frelinghuysen Ave, Newark 5, N J
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Dexter Chem Corp, 819 Edgewater Rd, N Y 59
*Dixo Co, 225 River Rd, Garfield, N J
*Dow Corning Corp, Midland, Mich
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Geigy Co, 89-91 Barclay St, N Y 8
*General Electric Co, Chem Div, Pittsfield, Mass
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Watson-Park Co, Box 158, Ballard Vale, Mass
*Witco Chem Co, 260 Madison Ave, N Y 16
*Jacques Wolf & Co, Passaic, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WATTLE BARK (Australian Bark, Mimosa Bark)

Bark of Australian Wattles, Acacia pycnantha, mollissima and binervata. Uses—mfr. tanning extracts; tanning leather. Grades—various (extract-liq.).

American Dyewood Co, Main & Joralemon Sts, Belleville, N J

WAX, BAYBERRY

M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Cornelius Products Co, 386 4 Ave, N Y 16
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
Howe & French, 99 Broad St, Boston, Mass
International Wax Refining Corp, 99 E Hawthorne Ave Valley Stream, N Y
Mutchler Chem Co, 258-259 Broadway, N Y
National Wax Co, 1300 W Division St, Chicago 22, Ill
F H Paul & Stein Bros, 100 Gold St, N Y 38

WAX, BEES (Yellow Wax, Cera Flava)

White to yellowish, solid amorp. Natural. Sp. gr. 0.963-0.969. M.P. 63-64°C. Sol. alcohol, ether, acetone, chloroform. Uses—mfr. wax polishes, furniture polishes, candles, wood polishes and finishes, transparent papers, pomades, toilet preps., cosmetics, chewing gums, food products, sweetmeats, adhesive compositions; dressing and polishing leather; modeling fruits and flowers; base for plasters, etc.; engraving and lithography; sizing and finishing textiles; in medicine. Grades—U.S.P.—Brazilian; Chilean; African, Indian; domestic; crude; refined; white; yellow.

●Pkg—50 x 1 lb. cakes/case, 50 x 20 lb. slabs. case.

Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Block Walnut Processing Corp, 141 2 Ave S, Nashville, Tenn
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Consumers Products Co, 99 Hudson St, N Y 13
*Cornelius Products Co, 386 4 Ave, N Y 16
*Badant & Sons, 182 Broadway, Hamilton, Ill
Dalton-Cooper, 200 W 34 St, N Y 1
William Diehl & Co, 330 W 42 St, N Y 36
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
W R Grace & Co, 7 Hanover Sq, N Y 5
*Greer Drug Co, P O Box 800, Lenoir, N C
Charles L Heisinger & Co, 46 Clinton Ave, Bklyn 5, N Y
International Commodities Corp, 11 Mercer St, N Y 13
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Theodor Leonhard Wax Co, 136 Church St, Haledon, Paterson 2, N J
Lewis Chem Co, 232 Canal St, N Y 13
*H J Mahar, 54 W 55 St, N Y 19
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
Mercer Chem Corp, 11 Mercer St, N Y 13
Mutchler Chem Co, 258-259 Broadway, N Y
National Wax Co, 1300 W Division St, Chicago 22, Ill
William D Neuberg Co, 420 Lexington Ave, N Y 17
Norda Essential Oil & Chem Co, 601 W 26 St, N Y 1
M W Parsons-Plymouth, 59 Beekman St, N Y 38
F H Paul & Stein Bros, 100 Gold St, N Y 38
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Robinson, Wagner Co, 110 E 42 St, N Y 17
Rosenthal Bercow Co, 25 E 26 St, N Y
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wax & Rosin Products, 42 Broadway, N Y 4
O J Weeks Co, 44 N Moore St, N Y 13
Welch, Holme & Clark Co, 439 West St, N Y 14
*T C Wilson Co, 503 Market St, San Francisco 5, Cal

WAX, BEES, SUBSTITUTE

Synth. waxes of uniform quality having all the characteristics of genuine beeswax. Will not become rancid. Uses—mfr. of cosmetic creams, lipsticks, salves, pomades, leather and textile dressings, polishes, dental waxes, adhesives, electrical insulation, carbon paper, etc.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
Dura Commodities Corp, 20 Vesey St, N Y 7
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Smith & Nichols, 121 Malden Lane, N Y 38
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
Wax & Rosin Products, 42 Broadway, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, BRAZIL see Wax, Carnauba

WAX, CANDELILLA

Yellowish-brown, solid, natural amorp. Sp. gr. 0.983. M.P. 67-68°C. Saponification number 65. Iodine number 37. Sol. chloroform, turpentine. Uses—mfr. leather dressing, furniture, shoe polishes, candles, cements, varnishes, sealing wax, electrical insulating compositions, phonographic records, paper size, celluloid, rubber waterproofing and insect-proofing containers; paint removers; soft wax stiffener; substitute for carnauba wax and beeswax. Grades—tech. Cont.—bags (150 200 lbs.). Tariff free.

●Pkg—180 lb. bags, drums.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
Allied Wax & Oil Products Corp, 145 Nassau St, N Y 38
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Concord Chem Co, 80 E 2 St, Moorestown, N J
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
Dalton-Cooper, 200 W 34 St, N Y 1
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
W R Grace & Co, 7 Hanover Sq, N Y 5
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*H J Mahar, 54 W 55 St, N Y 19
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
J U Starkweather Co, 241 Allen Ave, Providence, R I
Wax & Rosin Products, 42 Broadway, N Y 4



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• OZOKERITE
• SYNTHETIC WAXES

Send for Samples and Booklet

INTERNATIONAL
WAX REFINING CORPORATION
Manufacturers and Importers
VALLEY STREAM, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

WAX

Mekon* Micro-crystalline Petroleum Wax • Cardis* Emulsifiable Petroleum Wax • Fortex* Micro-crystalline Petroleum Wax • Sugar Cane Wax • Warco Micro-crystalline Petroleum Wax • Paraffin Wax • Samples, technical data and service for any wax formulation. Call—

WARWICK WAX Company, Inc., Subsidiary

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11 MERCER STREET, N. Y. 13, N. Y.
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WAXES

Importers and Refiners
CARNAUBA • OURICURY • CANDELILLA
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MAMARONECK REFINED BRAND
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Compounds and blends made to your specifications
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442 Waverly Place, Mamaroneck, N.Y. • Mamaroneck 9-4746
Refinery: Mamaroneck Chemical Div., Mamaroneck, N. Y.

CERITA WAXES

WAX, CARNAUBA (Brazil Wax)

Yellowish-green or light yellow lumps, agreeable odor. Natural. Sp. gr. 0.995 (15°C). M.P. 84-86°C. Sap. No. 88.3. Acid No. 2-9. Iodine No. 13.17. Sol. ether, hot alcohol, alkalies. Uses—mfr. shoe and furniture polishes, lacquers, varnishes, phonograph records; carbon paper coating; hardening candles; leather finishes; in electrical insulating compositions; waterproofing textiles, wood, etc.; substitute for beeswax. Grades—No. 1 yellow; No. 2 N.C.; No. 2 regular; No. 3 N.C.; No. 3 chalky.

● Pkg—Bags, drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Concord Chem Co, 80 E 2 St, Moorestown, N J
Consumers Products Co, 99 Hudson St, N Y 13
T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
Dalton-Cooper, 200 W 34 St, N Y 1
George Degen & Co, 111 Broadway, N Y 6
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
W R Grace & Co, 7 Hanover Sq, N Y 5
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Mamaroneck Chem Corp, 442 Waverly Ave Mamaroneck, N Y
Marklin Chem Corp, 11 W 42 St, N Y 18
Mercer Chem Corp, 11 Mercer St, N Y 13
Muchler Chem Co, 258-259 Broadway, N Y
William D Neuberg, 420 Lexington Ave, N Y 17
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Wax & Rosin Products, 42 Broadway, N Y 4
O J Weeks Co, 44 N Moore St, N Y 13
*White Cross Labs, 79 Wall St, N Y

WAX, CARNAUBA, SUBSTITUTE

Synth. Carnauba waxes for use in the mfr. of water and paste waxes, leather polishes, wax fortified paints, emulsions, inks, sizing, varnishes, fillers, copy papers, etc.

● Pkg—Bags, drums

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Lignite Products Co, P O Box 5, Ione, Cal
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Avon Trading Co, 401 Broadway, N Y 13
J M Baird Co, 254 W 31 St, N Y 1
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Harsyd Chem, 397 W 21 St, Holland, Mich
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
Mitchell Rand Mfg Co, 51 Murray St, N Y 7
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Science Industries, 1509 N Broadway, St Louis 6, Mo
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stevenson, Bros & Co, 110 Race St, Phila 6, Pa
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
Wax & Rosin Products, 42 Broadway, N Y 4
Welch, Holme & Clark Co, 439 West St, N Y 14

WAX, CERESIN (Cerin, Cerosin, Earth Wax, Mineral Wax, Purified Ozokerite)

Refined ozokerite, usually white or yellow, solid amorp. odorless. Natural. Sp. gr. 0.92-0.94. M.P. 68-72°C. Sol. alcohol, benzene, chloroform, naphtha. Uses—mfr. candles, shoe, floor and leather polishes, antifouling paints, wood polishes and fillers, incandescent gas mantles, paper size, waxed paper, lubricating compositions, waxes, figures and forms, toys, dolls, bottles for hydrofluoric acid; in electrical insulations; general size; impregnating and preserving agent; substitute for beeswax in crayons, perfume pastes, pomades, cosmetics, salves and other pharmaceutical products; matrix compositions in printing; printing forms; rubber mixtures; waterproofing textiles and cloth; textile dressing. Grades—white, yellow.

● Pkg—Bags, cartons.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

*M Agueso & Co, 42 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
Distributing & Trading Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
William D Neuberg Co, 420 Lexington Ave, N Y 17
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Smith & Nichols, 121 Malden Lane, N Y 38
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Stevenson, Bros & Co, 110 Race St, Phila 6, Pa
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
Wax & Rosin Products, 42 Broadway, N Y 4
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, CHINESE (Insect Wax, Vegetable Spermaceti, Tree Wax) wrongly called Japanese Wax

Secretion of insect inhabiting ash trees Western China. White to yellowish, odorless, almost tasteless solid. Sp. gr. 0.970 (15°C). M.P. 81°C. Sol. benzene. Sl. sol. alcohol, ether. Uses—mfr. candles, leather and furniture polish; in treating silk and cotton fabrics; sizing and glazing papers.

Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Dura Commodities Corp, 20 Vesey St, N Y 7
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y

WAX, DIPPING

*Adhesive Products, 520 E Shore Hway, Albany 6, Cal
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Morrestown, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Dura Commodities Corp, 20 Vesey St, N Y 7
*Hi-Test Chem Corp, 722 64 St, Bklyn 20, N Y
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
Petroleum Specialties, 205 E 42 St, N Y 17
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Warwick Wax Co, 10 St & 44 Ave, LIC 1, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, EARTH see Wax, Ceresin

WAX, ENGRAVING

M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, FOSSIL see Wax, Ozokerite

WAX, JAPAN (Japan Tallow, Vegetable Wax of Japan, Sumac Wax)

Pale yellow flat cakes. Derived from Rhus. Natural. Sp. gr. 0.970-0.980. M.P. 53°C. Saponification No. 210-220. Iodine No. 5-12. Acid No. 7.33. Sol. benzol, naphtha. Uses—mfr. furniture, shoe and floor polishes, candles, wax matches, leather, polishing and finishing compositions; substitute for beeswax. Grades—tech.

● Pkg—100 lb. bags

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16

WAXES

CARNAUBA
yellow—fatty—refined
chalky—north country
BEESWAX
african—south american
JAPAN WAX
genuine superior brands
CANDELILLA
prime crude and refined
ESPARTO
MONTAN • OURICURY
SYNTHETIC
high m.p. yellow

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Cable: Diehlwill
BRyant 9-5211

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Powdered

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BEESWAX OURICURY
CERESINE MONTAN
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Laundry Waxes —
Powdered or Cake
Microcrystalline Waxes

CONCORD CHEMICAL COMPANY
MOORESTOWN, N. J.
Telephone: Moorestown 9-1100
Cables: "Conchem"

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

Microcrystalline
Wax
Paraffin Wax

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230 N. Michigan Ave.
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Zophar Waxes, resins and compounds to impregnate, dip, seal, embed, or pot electronic and electrical equipment or components of all types: radio, television, etc.

Cold flows from 100°F. to 285°F.

Special waxes non-cracking at —76°F.

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BOLER

WAXES

PARAFFIN WAXES
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MICROCRYSTALLINE WAXES
LAMINATING WAXES
HOT MELT COATINGS
WAX RESIN CONCENTRATES
WAX COMPOUNDS
VEGETABLE WAXES
SYNTHETIC WAXES
PETROLATUMS

BOLER PETROLEUM CO.

Petroleum and Its Products
121 S. Broad Street, Philadelphia 7, Pa.
Cable Address: "CABOL" PHILA.

WAX, JAPAN continued

William Diehl & Co, 330 W 42 St, N Y 36
Paul A Dunkel & Co, 1 Wall St, N Y 5
Dura Commodities Corp, 20 Vesey St, N Y 7
Howe & French, 99 Broad St, Boston, Mass
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Mutchler Chem Co, 258-259 Broadway, N Y
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Frank Samuel & Co, 24 State St, N Y 4
Wax & Rosin Products, 42 Broadway, N Y 4

WAX, LAMINATING

*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
Distributing & Trading Co, 444 Madison Ave, N Y 22
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Kendall Refining Co, Bradford, Pa
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Moore & Munger, 33 Rector St, N Y 6
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
Petroleum Specialties, 205 E 42 St, N Y 17
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Tilbury Refining, 21-29 Dunham Pl, Bklyn 11, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, LANOLIN (Lanolin Alcohols)

Waxy mixture of monohydroxy alcohols fractionated from Lanolin. M.P. 58-60°C. Uses—emulsifier, emollient and thickening agent in cosmetic emulsions and pharmaceutical ointments.
●Pkg—10, 50, 100 lb. cartons, 100 lb. bags, 400 lb. drums.

*Concord Chem Co, 80 E 2 St, Moorestown, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Hummel Chem Co, 90 West St, N Y 6
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*N I Malmstrom & Co, 147 Lombardy St, Bklyn 22, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

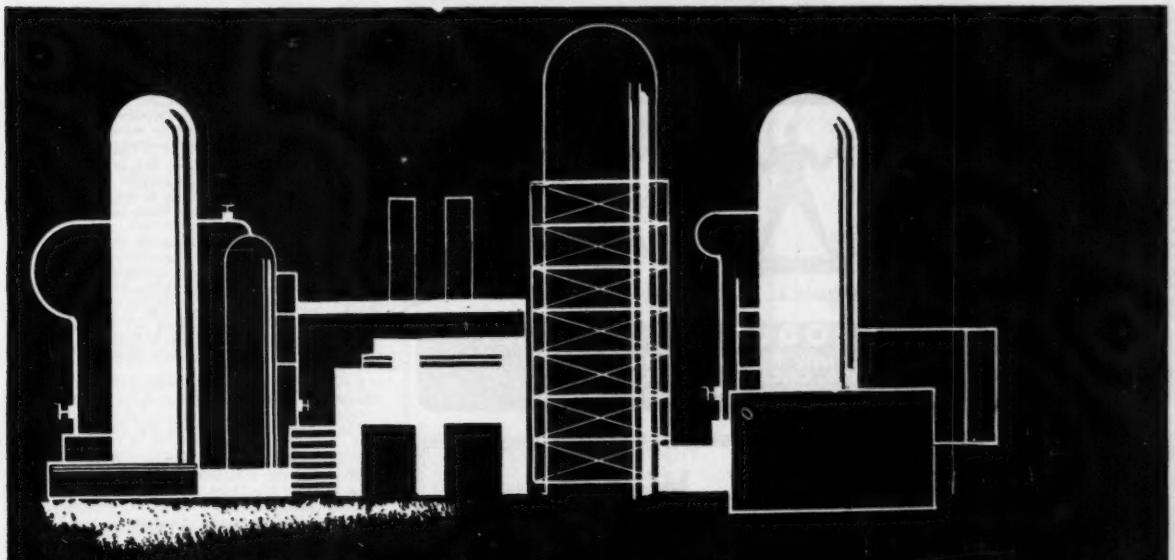
WAX, LIGNITE see Wax, Montan

WAX, MICROCRYSTALLINE

●Pkg—80, 100 lb. cartons, 300 lb. drums, 1500 lb. pallets.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Mineral Spirits Co, 155 E 44 St, N Y 17
M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
Moore & Munger, 40 Rector St, N Y 6
National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Penola Oil Co, 15 W 51 St, N Y 19
Petroleum Specialties, 205 E 42 St, N Y 17
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*Shell Oil Co, 50 W 50 St, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Wax Corp of America, 21 Dunham Pl, Bklyn 11, N Y
Wax & Rosin Products, 42 Broadway, N Y 4
*Zophar Mills, 103 26 St, Bklyn 32, N Y

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section





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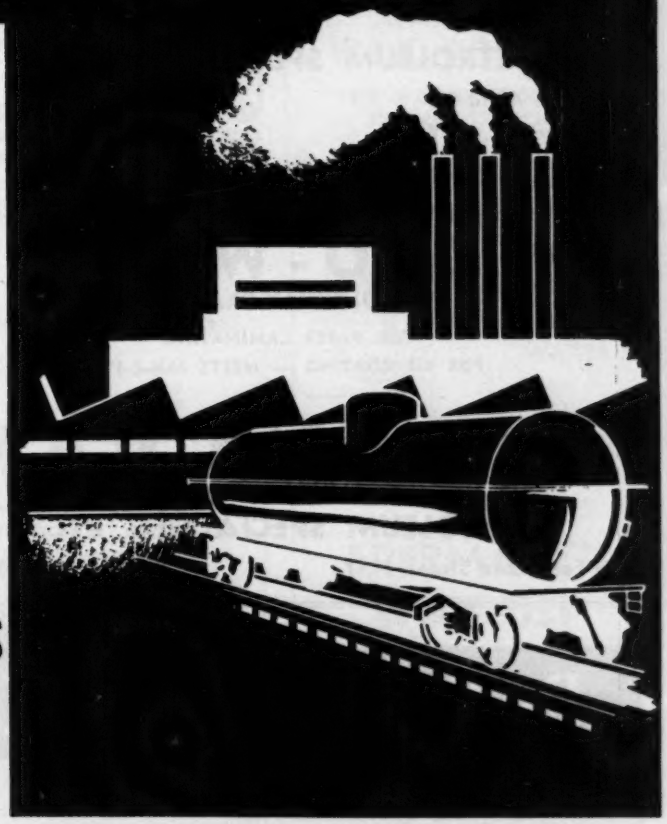
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Cable Address: Jaynivrad

WAX, MONTAN (Lignite Wax)

Amorp. dark-brown to white (bleached) lumps. Derived from lignite coal. M.P. 80-90°C. Sol. carbon tetrachloride, benzol, chloroform. Uses—mfr. polishing preps. paints, varnishes, tarry roofing compositions, waterproofing paints, shoe creams and polishes, phonograph records, insulating compositions, candles, soaps, adhesive pastes; substitute for Carnauba and bees wax; finishing leather goods; increasing hardness of fat compositions; paper sizing. Grades—crude; bleached.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
W R Grace & Co, 7 Hanover Sq, N Y 5
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Mutchler Chem Co, 258-259 Broadway, N Y
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
J U Starkweather Co, 241 Allens Ave, Providence, R I
Wax & Rosin Products, 42 Broadway, N Y 4

WAX, PARAFFIN

Waxy, white translucent, tasteless, odorless solid. Consists of mixture of solid hydrocarbons chiefly of methane series from petroleum. Sp. gr. 0.880 to 0.933. M.P. 42° to 74°C. Sol. benzine, benzene, chloroform, turpentine, olive oil, warm alcohol, and carbon disulfide; insol. in acids. Uses—mfr. phonograph records; floor polishes; extraction of perfumes from flowers; cosmetics; photography; anti-frothing agent in sugar refining; packing tobacco products; coating interior of wine casks; protecting rubber products from suncracking; mfr. paraffin candles, waxed paper, etc.; waterproofing wood, cork, etc.; impregnating matches; stearin candles; lubricants; preserving eggs; oil crayons; pharmacy (to stiffen ointments); surgery; stoppers for acid bottles; preservative covers for food products; electrical insulation; laundering; preservative for railroad ties. Grades—yellow crude, scale, white scale, refined wax, U.S.P.
●Pkg—100 lb. cartons.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
J M Baird Co, 254 W 31 St, N Y 1
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Browning Chem Corp, 150 Broadway, N Y
Chematar Inc, 40 Exchange Pl, N Y 5
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
Cornelius Products Co, 386 4 Ave, N Y 16
Distributing & Trading Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Dura Commodities Corp, 20 Vesey St, N Y 7
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Commodities Corp, 11 Mercer St, N Y 13
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Kendall Refining Co, Bradford, Pa
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Moore & Munger, 33 Rector St, N Y 6
National Wax Co, 1300 W Division St, Chicago 22, Ill
Oil & Chem Products, 295 Madison Ave, N Y 17
M W Parsons-Plymouth, 59 Beekman St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
Petroleum Specialties, 205 E 42 St, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Shell Oil Co, 50 W 50 St, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Tuteur Bio-Chem, 52 Wall St, N Y 5
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Wax Corp of America, 21 Dunham Pl, Bklyn 11, N Y
Wax & Rosin Products, 42 Broadway, N Y 4
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, PETROLEUM

Obtained as by-product from the distillation of paraffin base petroleum. Outstanding characteristic is the resistance to the passage of moisture vapor. Uses—in candlemaking, as impregnating and coating material for paper and cardboard. Low fire hazard, stability and high glosses which are obtainable with their use are certain other important characteristics. Various grades include scale wax, semi-refined wax, fully refined wax, the plastic or amorp. waxes, such as ceresine, ozokerite, etc., which while not made from petroleum in the usual sense, nevertheless are hydrocarbon waxes of mineral origin and hence can be placed in the same category as the petroleum waxes. The petrolatums are also amorp. waxes and should be included in this general grouping.

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Mineral Spirits Co, 155 E 44 St, N Y 17
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Burgess Pigment Co, 64 Hamilton St, Paterson 1, N J
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Concord Chem Co, 80 E 2 St, Moorestown, N J
Cornelius Products Co, 386 4 Ave, N Y 16
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Gulf Oil Corp, Gulf Refining Co, Gulf Bldg, Pittsburgh 30, Pa
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Kendall Refining Co, Bradford, Pa
Moore & Munger, 33 Rector St, N Y 6
Oil & Chem Products, 295 Madison Ave, N Y 17
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Pennsylvania Refining Co, B S & T Bldg, Butler, Pa
*Penola Oil Co, 15 W 51 St, N Y 19
Petroleum Specialties, 205 E 42 St, N Y 17
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Shell Oil Co, 50 W 50 St, N Y 20
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Tilbury Refining Co, 21-29 Dunham Pl, Bklyn 11, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAX, SHELLAC

*Acme Shellac Products Co, 100 Blanchard St, Newark 5, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Haeuser Shellac Co, 52-64 Warren St, Bklyn 1, N Y
R B Huber, 216 Tremont St, Boston 16, Mass
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
F H Paul & Stein Bros, 100 Gold St, N Y 38
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Shields Buying Service, 15 Moore St, N Y 4

WAX, SPERMACETI (Cetaceum)

From sperm whale, mostly cetyl palmitate. Pearly-white, solid amorp. Sp. gr. 0.945. M.P. 45°C. Sol. ether, chloroform, carbon disulfide, and hot alcohol. Uses—mfr. chemical emulsions, cerates.
● Pkg—1, 60 lb. blocks.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
*Archer-Daniels-Midland Co, Chem Products Div, 2191 W 110 St, Cleveland 2, Ohio
Barclay Chem Co, 75 Varick St, N Y 13
Consumers Products Co, 99 Hudson St, N Y 13
Dalton-Cooper, 200 W 34 St, N Y 1
Dura Commodities Corp, 20 Vesey St, N Y 7
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y

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Microcrystalline Wax

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fully refined
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all grades

petrolatums

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WAXES
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Looking for additional information: See Catalog Section

WAX, SPERMACETI continued

Mutchler Chem Co, 258-259 Broadway, N Y
M W Parsons-Plymouth, 59 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
L A Salomon & Bro, 216 Pearl St, N Y 38
Swift & Co, Technical Products Plant, 165 & Indianapolis Blvd, Hammond, Ind

WAX, SUMAC see Wax, Japan

WAX, TREE see Wax, Chinese

WAX, VEGETABLE, of Japan see Wax, Japan

WAX, YELLOW see Wax, Bees

WAXES, AMORPHOUS

*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
C J Osborn Co, 132 Nassau St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
Petroleum Specialties, 205 E 42 St, N Y 17
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Standard Oil Co, 910 S Michigan, Chicago 80, Ill
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, BATTERY

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, CABLE

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Lignite Products Co, P O Box 5, Ione, Cal
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
William Diehl & Co, 330 W 42 St, N Y 36
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, CANNING

*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Concord Chem Co, 80 E Second St, Moorestown, N J
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, CASTING

*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
William Diehl & Co, 330 W 42 St, N Y 36
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, ELECTROTYPERS'

*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
L A Salomon & Bro, 216 Pearl St, N Y 38
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, FIRE RESISTANT

*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, FLOOR

*Apex Chem Co, 225 W 34 St, N Y 1
*Armstrong Cork Co, Lancaster, Pa
Baer Bros, 438 W 37 St, N Y 18
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Buckingham Wax Co, 51-03 Van Dam St, L I C, N Y
*Central O-B Products Co, 1230 Genesee St, Buffalo 11, N Y
*Chicago Sanitary Products Co, 3100 S Throop St, Chicago 8, Ill
*Columbia Wax Co, 530 Riverdale Dr, Glendale 4, Cal
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Cycleweld Cement Products Plant Div, Box 775, Trenton, Mich
*Damon Chem Co, Box 774, Alliance, Ohio
*Davies-Young Soap Co, P O Box 995, 705 Albany St, Dayton, Ohio
*Diversey Corp, 1820 Roscoe St, Chicago 13, Ill
*Du Bois Co, 1120 W Front St, Cincinnati 3, Ohio
*E I du Pont de Nemours & Co, Finishes Dept, Wilmington 98, Del
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Gerson-Stewart Corp, Ft of Lisbon Rd, Cleveland, Ohio
*Hampden Color & Chem Co, 5 Albany St, Springfield, Mass
*R M Hollinshead Corp, 840 Cooper St, Camden, N J
*Huntington Labs, E Tipton St, Huntington, Ind
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Nowlin Co, 1410 Throckmorton St, Fort Worth, Tex
*Pabco Products, 475 Brannan St, San Francisco, Cal
*Peerless Chem Co, 3850 Oakman Blvd, Detroit 4, Mich
*Penetone Co, Tenafly, N J
*Riverside Chem Co, 871-947 River Rd, N Tonawanda, N Y
*George B Robbins Disinfectant, 42 Carleton St, Cambridge 42, Mass
*Science Industries, 1509 N Broadway, St Louis 6, Mo
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Trio Chem Wks, 341-347 Scholes St, Bklyn 6, N Y
*Twin City Shellac Co, 334-340 Flushing Ave, Bklyn 5, N Y
*Uncle Sam Chem Co, 573-577 W 131 St, N Y 27
*United States Sanitary Specialties Corp, 1001 S California Ave, Chicago 12, Ill

WAXES, FOOD COATING

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Resinous Chem Corp, 103 Foster St, Peabody 7, Mass
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cities Service Petroleum, 60 Wall Tower, N Y 5
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Crystal Soap & Chem Co, 6300 State Rd, Phila 35, Pa
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 2, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
Petroleum Specialties, 205 E 42 St, N Y 17
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Alfred F Stumpf Co, 140 Maiden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, GERSTHOFEN (Formerly IG Waxes)

Dark brown to light yellow. Derived from Lignite coal. Sp. gr. 0.99-1.04(20°C). M.P. 79-106°C. Saponi-

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BAYBERRY • MONTAN • PARAFFIN
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GEORGE H. LINCKS INC.
ESTABLISHED 1921
312 BRIDGE ST., BROOKLYN 1, N. Y. TEL: MAIN 4-6672

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

fication No. 95-178. Acid No. 10-157. Unsap. matter 5-22%. Sol. carbon tetrachloride, turpentine, ethyl acetate, benzene. Uses—mfr. floor wax, furniture polish, shoe polish, leather dressings, auto polish, carbon paper, crayons, paper sizes, varnish textile sizes & finishes, cosmetics, candles, lubricating compounds.

M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
Cornelius Products Co, 386 4 Ave, N Y 16
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*George H Lincks, 312 Bridge St, Bklyn 1, N Y
Wax & Rosin Products, 42 Broadway, N Y 4

WAXES, INSECT

Natural refined waxes prepared from the secretion of various insects; most important of the group are: Beeswax, lac wax, Chinese insect wax, ant wax, spermaceti. The latter is obtained from the head of the sperm whale and has particularly good waterproofing properties. See specific waxes.

Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y

WAXES, INSULATING

*Allied Asphalt & Mineral Corp, 217 Broadway, N Y 7
*American Lignite Products Co, P O Box 5, Ione, Cal
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Hi-Test Chem Corp, 722 64 St, Bklyn 20, N Y
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
George H Lincks, 312 Bridge St, Bklyn 1, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, MINERAL

Waxes largely derived from: 1. The distillation of petroleum oils; 2. Through solvent extraction of lignite shales; and 3. From mines. Most important members of the group are montan, paraffin, ozokerite, ceresine.

*American Lignite Products Co, P O Box 5, Ione, Cal
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Bareco Oil Co, P O Box 2009, Tulsa, Okla
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cities Service Oil Co (Dela), Masonic Bldg, Bartlesville, Okla
Concord Chem Co, 80 E Second St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave, S W, Grand Rapids 2, Mich
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
George H Lincks, 312 Bridge St, Bklyn 1, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Pennotex Oil Corp, 29 Broadway, N Y 6
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
L A Salomon & Bro, 216 Pearl St, N Y 38
*Sherwood Refining Co, 1 W Forest Ave, Englewood, N J
*Sinclair Refining Co, 600 5 Ave, N Y 20
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
*Union Oil Co of Cal, 617 W 7 St, Los Angeles 17, Cal
Wax & Rosin Products, 42 Broadway, N Y 4
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, NATURAL

Waxes of natural origin as distinguished from those of synth. origin. Natural waxes may be divided into 3 groups according to their origin:—Vegetable Waxes; Mineral Waxes; Insect Waxes. See Waxes, Insect; Waxes, Mineral; Waxes, Vegetable, etc.

*American Lignite Products Co, P O Box 5, Ione, Cal
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13, Ill
City Chem Corp, 132 W 22 St, N Y 11
Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
Dalton-Cooper, 200 W 34 St, N Y 1
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp, 20 Vesey St, N Y 7
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Pennotex Oil Corp, 29 Broadway, N Y 6
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Wax & Rosin Products, 42 Broadway, N Y 4

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For Self-Polishing Floor Wax

Paste Wax

Carbon Paper

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For better emulsion polishes
PENNOWAX

#620		#630	
Melting Point °F	180 min.	Melting Point °F	180 min.
Color	yellow	Color	yellow
Pen. 100 gr. wt.	6 max.	Pen. 100 gr. wt.	7 max.
Acid No.	20-25	Acid No.	30-35
Sap. No.	55-65	Sap. No.	75-85

PENNOWAXES are especially produced and refined for the manufacture of emulsion polishes. Compare PENNOWAX with your present product for cost, quality, uniformity.

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A series of waxes manufactured for the paper industry — milk cartons, bread wrap, candy wrap, frozen food package, etc.

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AMORWAX is a registered trade mark for a complete series of waxes for the ultimate in lamination impregnation, moisture-proofing and insulating compounds and greases. Melting Points up to 400° F.

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— Waxes for wax formulations made by a wax manufacturer. —

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For complete list of company products: See Catalog Section

Tailor-made WAXES by ALLIED

HUNDREDS OF FORMULAS for different types of wax in our files prove that Allied builds the wax formula to suit the product—

- for any temperature — warm or cold
- for any material — metal, rubber, paper, wood or plastics
- for any method of application — laminating, brush, roller-coating or spraying in any form — slabs, drums or solution

Allied starts in where others leave off in the compounding of special waxes. Our highly skilled staff of laboratory technicians are constantly delving into new applications... new fields of use. Allied will take any wax problem and give you that worthwhile *extra* in service and results.

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WAXES, POLYETHYLENE

*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
*Industrial Chem Specialties Co, P O Box 456, Baytown, Tex
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Moore & Munger, 33 Rector St, N Y 6
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Stevenson, Bro & Co, 110 Race St, Phila 6, Pa
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, SYNTHETIC

S L Abbot Co, 800 S Sante Fe Ave, Los Angeles 21, Cal
*Alrose Chem Co, Box 1294, Providence 1, R I
*American Polymer Corp, 103 Foster St, Peabody, Mass
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
W W Angus, 220 Broadway, N Y 38
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Atlas Powder Co, Wilmington 99, Del
*Avon Trading Co, 401 Broadway, N Y 13
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
Fred L Brooke Co, 3340 N Halsted St, Chicago 13 Ill
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Carlisle Chem Works, West St, Reading 15, Ohio
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Cornelius Products Co, 386 4 Ave, N Y 16
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Dura Commodities Corp 20 Vesey St, N Y 7
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Glyco Products Co, 26 Court St, Bklyn 1, N Y
*Halocarbon Products Corp, 2012 88 St, N Bergen, N J
Harsyd Chem, 397 W 21 St, Holland, Mich
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa
George H Lincks, 312 Bridge St, Bklyn 1, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
F H Paul & Stein Bros, 100 Gold St, N Y 38
*Pennotex Oil Corp, 29 Broadway, N Y 6
*Petrolite Corp, Wax Div, Box 390, Kilgore, Tex
*William H Scheel, 38 Franklin St, Bklyn 22, N Y
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Tilbury Refining Corp, 21-29 Dunham Pl, Bklyn 11, N Y
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Wax & Rosin Products 42 Broadway, N Y 4
*Witco Chem Co, 260 Madison Ave, N Y 16
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, TANNERS'

*American Lignite Products Co, P O Box 5, Ione, Cal
*Apex Chem Co, 225 W 34 St, N Y 1
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E Second St, Moorestown, N J
Dura Commodities Corp, 20 Vesey St, N Y 7
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
George H Lincks, 312 Bridge St, Bklyn 1, N Y
*Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*National Wax Co, 1300 W Division St, Chicago 22, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Zophar Mills, 103 26 St, Bklyn 32, N Y

WAXES, TEXTILE

*Apex Chem Co, 225 W 34 St, N Y 1
*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Atlas Powder Co, Wilmington 99, Del
*Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*T G Cooper & Co, Cedar & Venango Sts, Phila 34, Pa
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Joy Chem, 133 Webster St, Pawtucket, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Mitchell Rand Mfg Corp, 51 Murray St, N Y 7
*Mona Industries, 65-75 E 23 St, Paterson, N J
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*S B Penick & Co, 50 Church St, N Y 7
*Reilly-Whiteman-Walton Co, Conshohocken, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
*Scher Bros, 519 Getty Ave, Clifton, N J
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Alfred F Stumpf Co, 140 Malden Lane, N Y 7
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Jacques Wolf & Co, Passaic, N J
*Zophar Mills, 103 26 St, Bklyn 32, N Y

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High Melting, Impregnant, Coating, Anti-Blocking, and Adhesive Waxes

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WAXES, VEGETABLE

General term denoting natural waxes of vegetable origin: See Wax, Carnauba; Wax, Candelila; Wax, Japan; Wax, Bayberry. Other waxes in this group include—Fibre Wax, Cotton Wax, Flax Wax, Sugar Cane Wax, Tea Wax, Rose Wax, etc. Vegetable waxes are very complex chemically and herefore difficult to define their properties. In the group are usually the hardest waxes. Carnauba is exrtemely hard, insol. in water, but can be obtained in an aqueous state by boling with alkalies and emulsifying agents. Widely used in polishes of many various types. Candelilla is very hard but somewhat brittle. Japan more closely resembles the animal tallows in composition and finds wide usage in laundry finishing, leather dressing, etc. Bayberry closely resembles Japan in its composition.

*M Argueso & Co, 442 Waverly Place, Mamaroneck, N Y
*Barnett Labs, 6526 Cherry Ave, Long Beach 5, Cal
Boler Petroleum Co, 121 S Broad St, Phila 7, Pa
*Concord Chem Co, 80 E 2 St, Moorestown, N J
*Cornelius Products Co, 386 4 Ave, N Y 16
Dalton-Cooper, 200 W 34 St, N Y 1
George Degen & Co, 111 Broadway, N Y 6
William Diehl & Co, 330 W 42 St, N Y 36
Distributing & Trading Co, 444 Madison Ave, N Y 22
Doe & Ingalls, 56 Garden St, Everett 49, Mass
Paul A Dunkel & Co, 1 Wall St, N Y 5
Dura Commodities Corp, 20 Vesey St, N Y 7
W R Grace & Co, 7 Hanover Sq, N Y 5
*International Wax Refining Corp, 99 E Hawthorne Ave, Valley Stream, N Y
*Mamaroneck Chem Corp, 442 Waverly Ave, Mamaroneck, N Y
Mitchell Rand Mfg Co, 51 Murray St, N Y 7
*S B Penick & Co, 50 Church St, N Y 7
Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Wax & Rosin Products, 42 Broadway, N Y 4

WEED KILLERS

*Aetna Color & Chem Co, 60 Linden Ave, E Paterson, N J
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Potash & Chem Corp, 3030 W 6 St, Los Angeles 54, Cal
*Ampion Corp, 4-88 47 Ave, L I C 1, N Y
*J M Baird Co, 254 W 31 St, N Y 1
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Chapman Chem Co, 707 Dermon Bldg, Memphis, Tenn
*Chemical Insecticide Corp, 129 Montague St, Bklyn, N Y
*Chipman Chem Co, Bound Brook, N J

*Company classifies itself as manufacturer or producer of this product
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*Cloroben Corp, 225 Mercer St, Jersey City 2, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Columbia-Southern Chem Corp Sub, 420 Duquesne Way, Pittsburgh 22, Pa
*Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
*Delft Co, 20 E Jackson Blvd, Chicago 4, Ill
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
*Diamond Alkali Co, Organic Chem Div, 80 Lister Ave, Newark 5, N J
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Ethyl Corp, 100 Park Ave, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*General Chem Div, 40 Rector St, N Y 6
*B F Goodrich Chem Co, 324 Rose Bldg, Cleveland 15, Ohio
*Heckathorn & Co, 641 S 4 St, Richmond 4, Cal
B J Howard Co, Whitaker Bldg, Baltimore 2, Md
Hummel Chem Co, 90 West St, N Y 6
*Huntington Labs, E Tipton St, Huntington, Ind
International Commodities Corp, 11 Mercer St, N Y 13
*International Selling Corp, 122 E 42 St, N Y 17
*E & F King & Co, 640 Pleasant St, Norwood, Mass
L J & M La Place, Leliarts Lane, E Paterson, N J
Philip J Lo Bue Co, 277 Park Ave, N Y 17
*Los Angeles Chem Co, 1960 Santa Fe Ave, Los Angeles 21, Cal
McLaughlin Gormley King Co, 1715 S E 5 St, Minneapolis 14, Minn
Michigan Chem Corp, 500 N Bankson St, St Louis, Mich
*Miller Products Co, Ft of S W Caruthers, Portland 1, Ore
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
*Naugatuck Chem Div, Elm St, Naugatuck, Conn
*Pacific Coast Borax Co Div, 630 Shatto Pl, Los Angeles 5, Cal
*Pennsylvania Industrial Chem Corp, 120 State St, Clairton, Pa
*Pennsylvania Salt Mfg Co, 183 Widener Bldg, Phila 7, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*John Powell & Co, 1 Park Ave, N Y 16
*Reade Mfg Co, 135 Hoboken Ave, Jersey City 2, N J
*Riverdale Chem Co, 324 E 147 St, Harvey, Ill
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Standard Oil Co, 910 S Michigan Ave, Chicago 80, Ill
*Stauffer Chem Co, 420 Lexington Ave, N Y 17
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
*Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Tide Water Associated Oil Co, Western Div, 79 New Montgomery St, San Francisco 20, Cal
*United States Industrial Chem Co Div, 120 Broadway, N Y 5
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Velsicol Corp, 330 E Grand Ave, Chicago 11, Ill
*Western Chem & Mfg Co, 3270 E Washington Blvd, Los Angeles 23, Cal
*Wyandotte Chem Corp, Wyandotte, Mich

WEIGHTERS, TEXTILE

*Apex Chem Co, 225 W 34 St, N Y 1
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Eastern Color & Chem Co, 137 Canal St, Providence 3, R I
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
*Joy Chem, 133 Webster St, Pawtucket, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*Maher Color & Chem Corp, 355 W Ontario St, Chicago 10, Ill
*Metro-Atlantic, 2072 Smith St, Centredale 11, R I
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City
*Polymer Industries, 11-08 30 Ave, Astoria, L I, N Y
*Scher Bros, 519 Getty Ave, Clifton, N J
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Jacques Wolf & Co, Passaic, N J

WETTING AGENTS

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Airose Chem Co, Box 1294, Providence 1, R I
*American Alcolac Corp, 3440 Fairfield Rd, Baltimore 26, Md
*American Cyanamid Co, Agricultural Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
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*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20

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American Firsteline Corp, 420 Lexington Ave, N Y 17
*Antara Chem Div, 435 Hudson St, N Y 14
*Apex Chem Co, 225 W 34 St, N Y 1
*Armour Chem Div, 1355 W 31 St, Chicago 9, Ill
*Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
*Arol Chem Products Co, 338 Palisade Ave, Jersey City 7, N J
*Atlantic Refining Co, 260 S Broad St, Phila 1, Pa
*Atlas Powder Co, Wilmington 99, Del
*Berkshire Color & Chem Corp, 42 Hampden St, Springfield, Mass
Bridge Chem Co, 2525 W Madison St, Chicago, Ill
*Bryant Chem Corp, 6 North St, N Quincy, Mass
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Clarion Chem Corp, 17-31 George St, Newark 5, N J
*Cole Labs, 42-25 9 St, L I C 1, N Y
*Colgate-Palmolive-Peet Co, 105 Hudson St, Jersey City, N J
*Colloids Inc, 394 Freilinghuysen Ave, Newark 5, N J
*Commercial Solvents Corp, 260 Madison Ave, N Y 16
*Dewey & Almy Chem Co, 62 Whittemore Ave, Cambridge 40, Mass
*Diamond Alkali Co, 300 Union Commerce Bldg, Cleveland 14, Ohio
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*Dow Chem Co, Midland, Mich
*E F Drew & Co, 416 Division St, Boonton, N J
*E I du Pont de Nemours & Co, Organic Chem Dept. Dyes & Chem Div, Wilmington 98, Del
*E I du Pont de Nemours & Co, Organic Chem Dept. Rubber Chem Section, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1498 Franklin St, Detroit 9, Mich
*Emulsol Corp, 59 E Madison St, Chicago 3, Ill
*Essential Chem Co, 2200 N 32 St, Milwaukee 8, Wis
*Fabric Chem Co, 61-63 Cornelison Ave, Jersey City 4, N J
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fresno Agricultural Chem Co, P O Box 1286, Fresno, Cal
*Gallowhur Chem Corp, 801 2 Ave, N Y 17
*Geigy Co, 89-91 Barclay St, N Y 8
*Glyco Products Co, 26 Court St, Bklyn 2, N Y
*Griffin Chem Co, 1000 16 St, San Francisco, Cal
*Haas Miller Corp, 4 & Bristol Sts, Phila 40, Pa
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Hercules Powder Co, 978 Market St, Wilmington 99, Del
*E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
*Hydrocarbon Chem, 130 Lister Ave, Newark 5, N J
Industrial Raw Materials Corp, 575 Madison Ave, N Y 22
*Joy Chem, 133 Webster St, Pawtucket, R I
*Kali Mfg Co, 427 Moyer St, Phila 25, Pa
*Kem Products Co, 227-229 High St, Newark 2, N J
Kessler Chem Co, State Rd & Cottman Ave, Phila 35, Pa

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Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Lanatex Chem Co, 49 Westminster St, P O Box 422, Providence 1, R I
*Leatex Chem Co, 2734 N Hancock St, Phila 33, Pa
*London Chem Co, 325 W 32 St, Chicago 16, Ill
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
*Marlyn Chem Co, 156 & Forsythe, Calumet City, Ill
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Maywood Chem Wks, 100 W Hunter Ave, Maywood, N J
Merchants Chem Co, 60 E 42 St, N Y 17
*M Michel & Co, 90 Broad St, N Y 4
*Miranol Chem Co, 16 Melville Pl, Irvington 11, N J
*Mona Industries, 65-75 E 23 St, Paterson, N J
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
*Morton-Withers Chem Co, 2110 High Point Rd, Greensboro, N C
*National Aniline Div, 40 Rector St, N Y 6
*New York Color & Chem Co, 374 Main St, Belleville 9, N J
*Ninol Labs, 1719 S Clinton St, Chicago 16, Ill
*Nopco Chem Co, Logan & Davis Sts, Harrison, N J
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Nyanza Color & Chem Co, 109 Worth St, N Y 13
*Onyx Oil & Chem Co, Warren & Morris Sts, Jersey City 2, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Patent Chemicals, 335 McLean Blvd, Paterson 4, N J
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
*Phoenix Oil Co, 9505 Cassius Ave, Cleveland 5, Ohio
*Pioneer Salt Co, 940 N Delaware Ave, Phila 23, Pa
*Refined Products Corp, 624 Schuyler Ave, Lyndhurst, N J
Riches-Nelson, 342 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Frank B Ross Co, 6-10 Ash St, Jersey City, N J
Ross & Rowe, 50 Broadway, N Y 4
*Scher Bros, 519 Getty Ave, Clifton, N J
*Scholler Bros, Collins & Westmoreland Sts, Phila 34, Pa
*Sharples Chem, 123 S Broad St, Phila 9, Pa
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
*L Sonneborn Sons, 300 4 Ave, N Y 10
*Southern Textile Chem Corp, Clearwater, S C
*F M Speekman Co, 241 Quint St, San Francisco 24, Cal
*Standard Chem Products, 1301 Jefferson St, Hoboken, N J
*Stepan Chem Co, 3250 S Kedzie Ave, Chicago 23, Ill
*A J Stull & Co, 5816 Tacony St, Phila 24, Pa
*Superior Materials, 120 Liberty St, N Y 6

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*Synthetic Chem, 335 McLean Blvd, Paterson 4, N J
*Tex-Chem Co, 20-21 Wagaraw Rd, Fairlawn, N J
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Titan Chem Products, Mill Rd & Wayne St, Jersey City 6, N J
*Utility Chem Co, 145 Peel St, Paterson 4, N J
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill
Virginia-Carolina Chem Corp, 401 E Main St, Richmond 8, Va
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J
*Wyandotte Chem Corp, Wyandotte, Mich

WHEYALBUMIN see Albumin, Milk

WHITE BOLE see Clays, China

WHITE CAUSTIC see Soda, Caustic

WHITE CLAY see Terra Alba

WHITE COPPERAS see Zinc Sulfate

WHITE PRECIPITATE see Mercury, Ammoniated

WHITE TAR, see Naphthalene

WHITENING AGENTS

*Antara Chem Div, 435 Hudson St, N Y 14
*Calco Chem Div, American Cyanamid Co, Bound Brook, N J
*Geigy Co, 89-91 Barclay St, N Y 8
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill

WHITING (Gilder's Whiting)—see also Calcium Carbonate

Form of $CaCO_3$. Natural, white, amorp. powd. Sp. gr. 2.71. Sol. acids. Uses—mfr. glass, soaps, detergents, aerated water, metal polishes, porcelains; as paint pigment and filler; pigment in oil-cloth and linoleum; filler oil, and water paints, putty, whitewash, paper, wallpaper, rubber, oil-cloth and linoleum; rubber pigment. Grades—as to origin, French, English, etc.; Paris White; crude; gilder's, etc.

● Pkg—50 lb. bags, 100, 125 lb. drums.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
J M Baird Co, 254 W 31 St, N Y 1
Charles B Chrystal Co, 53 Park Pl, N Y 7
*Commercial Minerals Co, 310 Irwin St, San Francisco 7, Cal
Stanley Doggett Inc, 75 Varick St, N Y 13
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Hammill & Gillespie, 225 Broadway, N Y 7
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
Hummel Chem Co, 90 West St, N Y 6
*Industrial Minerals & Chem Co, 836 Gilman St, Berkeley 10, Cal
E & F King & Co, 640 Pleasant St, Norwood, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
L J & M La Place, Lellarts Lane, E Paterson, N J
*Landen Putty Works, 45 Irving St, Malden 48, Mass
*Mississippi Lime Co, Alton, Ill
*National Gypsum Co, 325 Delaware Ave, Buffalo 2, N Y
*National Lead Co, 111 Broadway, N Y 6
*Ohio Hydrate & Supply Co, Woodville, Ohio
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Pluess-Staufer (North American), 82 Beaver St, N Y 5
L A Salomon & Bro, 216 Pearl St, N Y 38
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa
*G A Wharry Co, 95 Broad St, N Y 4
Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
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WHITING AGENTS

*Antara Chem Div, 435 Hudson St, N Y 14
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Maher Color & Chem Co, 355 W Ontario St, Chicago 10, Ill
Patent Chem, 335 McLean Blvd, Paterson 4, N J
Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y

WINE LEES see Argols

WINTERGREEN see Methyl Salicylate

WOLFRAM see Tungsten (Metal)

WOLFRAMATE see Lead Tungstate

WOOD BLEACHES

*V J Dolan & Co, 1830 N Laramie Ave, Chicago 39, Ill
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*B R Elk & Co, 193 Palisade Ave, Garfield, N J
*Fuld Bros, 702-710 S Wolfe St, Baltimore 31, Md
*Grand Rapids Varnish Corp, 1350 Steele Ave S W, Grand Rapids 2, Mich
*Grand Rapids Wood Finishing Co, 53-71 Grandville Ave S W, Grand Rapids 2, Mich
*Pennsylvania Detergents Co, 2238 N Philip St, Phila 33, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*L R van Allen Co, P O Box 3610, Merchandise Mart Sta, Chicago 54, Ill

WOOD CHARCOAL see Charcoal

WOOD FLOUR (Wood Meal)

Solid amorp. Made mostly from spruce, white pine and poplar. Uses—mfr. dynamites and other explosive compositions, composition, floorings; filler for oil-cloth, linoleum, paper, paperboard, artificial plastics, and for many other purposes. Grades—as to fineness and color.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*Brown Co, 150 Causeway St, Boston, Mass
*Composition Materials Co, 25 W 43 St, N Y 36
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
*Monsanto Chem Co, Plastics Div, Springfield 2, Mass
*Overland Commercial Corp, 400 Madison Ave, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn
O J Weeks Co, 44 N Moore St, N Y 13
G A Wharry Co, 95 Broad St, N Y 4
*Wood Flour, Winchester, N H

WOOD MEAL see Wood Flour

WOOD NAPHTHA see Methanol

WOOD SPIRITS see Methanol

WOOD TAR

*Tennessee Products & Chem Corp, 500 First National Bank Bldg, Nashville 3, Tenn

WOOD VINEGAR see Acid, Pyroligneous

WOOL-FAT see Lanolin

WOOL GREASE see Degras, Lanolin

WOOL MORDANT see Chromium Sulfate

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

XANTHINE (2:6-Dioxypurine)

$C_5H_4N_4O_2$. M.W. 152.11. Light yellow. Very sl. sol. water; insol. alcohol, ether; very sol. alkalies, ammonia, streng hot HCl. Uses—pharmacology, medicinal, nutrition, plant physiology.

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Dougherty Chem, 86-28 131 St, Richmond Hill 18, N Y
Lack Chem Co, 19 Park Pl, N Y 7
*Mearl Corp, 153 Waverly Pl, N Y 14
*Schwarz Labs, 230 Washington St, Mt Vernon, N Y

XANTHONE (Benzophenone Oxide)

$CO:(C_6H_4)_2O$. M.W. 196.19. White crystalline solid. M.P. 174°C.; sublimes readily at its melting point. B.P. 355°C. Insol. in water; sl. sol. in cold ethyl alcohol and acetone; very sl. sol. in ether common organic solvents in the cold; quite readily sol. in hot ethers and ether esters. It is a highly effective larvacide, particularly in the control of codling moth and fruit moth larvae. Other uses are as an intermediate in organic synthetics in dyestuffs, perfumes, pharmaceuticals, etc.

*Bios Labs, 17 W 60 St, N Y 23
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Hexagon Labs, 3536 Peartree Ave, N Y 69
*Medical Chem Corp, 4122 W Grand Ave, Chicago 51, Ill
*Metro-Chem Co, 2072 Smith St, Centredale 11, R I
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

XANTHORRHEA RESIN see Gum, Accroides

XENON

● Pkg—½, 1 L flasks, 50, 100 L cylinders.

*Air Reduction Sales Co, 60 E 42 St, N Y 17
*Linde Air Products Co Div, 30 E 42 St, N Y 17
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J

XYLENE see Xylol

o-XYLENE (1,2, Dimethyl-benzene)

$C_6H_4(CH_3)_2$. M.W. 106.16. Colorless liq. Sp. gr. .881. B.R. 144.0 to 144.6°C. Uses—synthesis of Riboflavin and Phthalic Anhydride.

● Pkg—Quart, gal. bottles, 5, 55 gal. drums.

Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
*Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla

XYLENOLS (Dimethylphenols)

$C_8H_{10}O$. M.W. 122.1. Coal-tar acids; low-boiling, high-boiling. Colorless, crystalline powd. Sol. water, alcohol, varying extents.

● Pkg—5, 55 gal. drum.

J M Baird Co, 254 W 31 St, N Y 1
*Barrett Div, 40 Rector St, N Y 6
Bendix Chem Corp, 420 Lexington Ave, N Y 17
*Calco Chem Div, Bound Brook, N J
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*Edcan Labs, 10-20 Pine St, S Norwalk, Conn
Henley & Co, 801 2 Ave, N Y 17
*Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Reilly Tar & Chem Corp, 1615 Merchant Bank Bldg, Indianapolis 4, Ind
Reinhart Chem Corp, 405 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17

m-XYLIDINE

$C_8H_{11}N$. Crystalline powd. Sl. sol. water; sol. alcohol, ether. Uses—mfr. monoazo dyes, other intermediates.

● Pkg—800 lb. drums.

*Atlantic Chem Corp, 153 Prospect St, Passaic, N J
J M Baird Co, 254 W 31 St, N Y 1
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
Fallek Products Co, 163 Broadway, N Y 6

XYLIDINES, MIXED (Aminodimethylbenzene, Aminoxylene, Methyltoluidines, Diethylanilines)

$C_6H_3(CH_3)_2NH_2$. Various mixtures of ortho, meta, and para. Sp. gr. 0.981, 0.984, 0.9184, 0.980. B.P. 215°C. Sol. alcohol, ether, benzene. Uses—mfr. dyestuffs, intermediates, organic chemicals, p-Toluene sulfondiamine, azo colors, developed colors, pharmaceutical chemicals. Grades—tech.; various mixtures of ortho, meta, and para.

● Pkg—425, 800 lb. drums.

J M Baird Co, 254 W 31 St, N Y 1
*Calco Chem Div, Bound Brook, N J
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
George F Smith, 60 E 42 St, N Y 17

XYLOL (Xylene, Dimethylbenzene)

$C_6H_4(CH_3)_2$. M.W. 106.08. Ortho, meta, para. Colorless, mobile liq., characteristic odor. Sp. gr. o. 0.876; m. 0.8668; p. 0.8621. M.P. o.—27.1°C; m. —53.6°C; p. 15°C. B.P. o. 144°C; m. 139°C; p. 138°C. Sol. alcohol, ether. Uses—mfr. dyestuffs, intermediates, organic chemicals, artificial musk, trinitroxylene; removal of naphthalene from illuminating gas; solvent in making rubber cements, lacquers, and varnishes; in microscopy. Grades—nitration (5° distillation range); commercial.

● Pkg—50, 55, 100 gal. drums.

*Alabama By-Products Corp, P O Box 354, Birmingham, Ala
American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Mineral Spirits Co, 155 E 44 St, N Y 17
American Quinine Co, 15 William St, N Y 5
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barada & Page, Guinotte & Michigan Aves, Kansas City 20, Mo
*Barrett Div, 40 Rector St, N Y 6
Bergstrom Trading Co, 233 Broadway, N Y 7
*Bethlehem Steel Co, E 3 St, Bethlehem, Pa
*Calco Chem Div, Bound Brook, N J
Chemical Service Corp, 82 Beaver St, N Y 5
Chematar Inc, 40 Exchange Pl, N Y 5
*Colorado Fuel & Iron Corp, P O Box 1920, Denver 1, Col
Commercial Steel & Chem Corp, 80 Broad St, N Y 4
Coopers Creek Chem Corp, River Rd, W Conshohocken, Pa
Cornwell Chem Corp, 24 E 38 St, N Y
*Crowley Tar Products Corp, 267 Madison Ave, N Y 16
DeMert & Dougherty, 3001 W 47 St, Chicago 32, Ill
Distillation Products Industries, 755 Ridge Rd W, Rochester, N Y
Doe & Ingalls, 56 Garden St Everett 49, Mass
William S Gray & Co, 342 Madison Ave, N Y 17
Henley & Co, 801 2 Ave, N Y 17
*Inland Steel Container Co, 6532 S Menard Ave, Chicago 38, Ill
International Selling Corp, 122 E 42 St, N Y 17
*Jones & Laughlin Steel Corp, 401 Liberty Ave, Gateway Center, Pittsburgh 30, Pa
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
*Koppers Co, Chem Div, Koppers Bldg, Pittsburgh 19, Pa

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L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 8
William Lynn Chem Co, 121-131 N Davidson St, Indianapolis 7, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J
*Milwaukee Solvay Coke Co, 740 N Milwaukee St, Milwaukee 1, Wis
Mutchler Chem Co, 258-259 Broadway, N Y
William D Neuberg Co, 420 Lexington Ave, N Y 17
*Neville Co, Neville Island, Pittsburgh 25, Pa
Nitrogen Products, National Bank Bldg, New Brunswick, N J
*Oil & Chem Products, 295 Madison Ave, N Y 17
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
Charles Page & Co, 50 E 42 St, N Y 17
*Pan American Chem Div, 122 E 42 St, N Y 17
Peerless Oil & Chem Corp, 51 Ave & 27 St, LIC 1, NY
*Penola Oil Co, 15 W 51 St, N Y 19
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
*Phillips Petroleum Co, Special Products Div, Bartlesville, Okla
*Pittsburgh Coke & Chem Co, 1905 Grant Bldg, Pittsburgh 19, Pa
*Portland Gas & Coke Co, 303 Public Service Bldg, Portland 4, Ore
Charles L Read & Co, 1 Newark Ave, Jersey City 2, N J
Republic Chem Corp, 94 Beekman St, N Y 38
*Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sloss-Sheffield Steel & Iron Co, 3300 1 Ave, N, Birmingham 2, Ala
J W Stark Co, 804 New Center Bldg, Detroit 2, Mich
J U Starkweather Co, 241 Allens Ave, Providence, R I
Stoney-Mueller, Page & Newark Aves, Lyndhurst, N J
*Tennessee Products & Chem Corp, 500 First American National Bank Bldg, Nashville 3, Tenn
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
George Uhe Co, 76 9 Ave, N Y 11
*United States Steel Corp, Coal Chem Sales Div, 525 Wm Penn Pl, Pittsburgh 30, Pa

YARA YARA (b-Naphthyl Methyl Ether)

$C_{10}H_7.O.CH_3$. M.W. 158.1. White crystals with an orange-blossom odor. Uses—as a perfume fixative in perfumery.

● Pkg—Custom packed.

*American-British Chem Supplies, 180 Madison Ave, N Y 16
Florasynth Labs, 900 Van Nest Ave, Bronx, N Y
Fritzsche Bros, 76 9 Ave, N Y 11
*Givaudan-Delawanna, 330 W 42 St, N Y 36
*Kay-Fries Chem, 180 Madison Ave, N Y 16
*Verona Chem Co, 26 Verona Ave, Newark 4, N J

YEAST

*Schwarz Labs, 230 Washington St, Mt Vernon, N Y
*Standard Brands, 595 Madison Ave, N Y 22

YELLOW OXIDE **see Iron Oxide, Yellow**

YELLOW PRECIPITATE **see Mercuric Oxide, Yellow**

YELLOW PRUSSIATE OF POTASH **see Potassium Ferrocyanide**

YELLOW PRUSSIATE OF SODA **see Sodium Ferrocyanide**

YELLOW RESIN **see Rosin, Gum**

YOHIMBINE HYDROCHLORIDE

● Pkg—Custom packed.

*Bios Labs, 17 W 60 St, N Y 23
*Desmo Chem Corp, 607 5 Ave, N Y 17
European Chem Co, 366 Broadway, N Y 13
*Gane & Ingram, 43 W 16 St, N Y 11
Henley & Co, 801 2 Ave, N Y 17
*Inland Alkaloid Co, Tipton, Ind
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
*New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*S B Penick & Co, 50 Church St, N Y 7
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Sterone Corp, 250 W 57 St, N Y 19

ZEIN

● Pkg—50 lb. bags.

Bios Labs, 17 W 60 St, N Y 23
*Corn Products Sales Co, 17 Battery Pl, N Y 4

ZEOLITES

● Pkg—Bags, drums.

*Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Permutit Co, 330 W 42 St, N Y 36

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

ZINC—see also Zinc Dust

White, gray or bluish-gray powd. or metal. At. Wt. 65.38. Sp. gr. 7.142. M.P. 419°C. B.P. 907°C. Sol. alkalies, and acids. Uses—mfr. zinc salts, zinc oxide, intermediates, organic chemicals, dyestuffs, pharmaceuticals, electrical apparatus, alloys with copper, tin, etc.; in roofing, various cast, molded, and pressed articles; sherardizing process. Grades—as to purity; slabs; mossy; granulated.

● Pkg—5, 10, 25, 50, 100 lb. pails, 100, 400, 500 lb. drums, custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Charles Gitlan & Co, 25 Beaver St, N Y 4
*Hegeler Zinc Co, P O Drawer 599, Danville, Ill.
Industrial Sales Corp, 500 5 Ave, N Y 36
International Selling Corp, 122 E 42 St, N Y 17
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Merck & Co, Rahway, N J
*National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
Nopel Corp, 2 Broadway, N Y 4
*Northwest Lead Co, 2700 16 Ave S W, Seattle 4, Wash
*Pacific Smelting Co, 22219 S Western Ave, Torrance, Cal
*St Joseph Lead Co, 250 Park Ave, N Y 17
*Superior Zinc Corp, 121 N Broad St, Phila 7, Pa
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17

ZINC ACETATE

$Zn(C_2H_3O_2)_2+2H_2O$. White, crystalline plates. Sp. gr. 1.72. M.P. 235-257°C. Sol. water, alcohol. Uses—mfr. zinc salts, zinc chromate; mordant in dyeing and printing textiles; preservation wood; resist in dyeing textiles; laboratory reagent; in medicine. Grades—tech.; U.S.P.; C.P.

● Pkg—Bbls., drums, cartons.

*J T Baker Chem Co, Phillipsburg, N J
*Carbide & Carbon Chem Co Div, 30 E 42 St, N Y 17
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
J U Starkweather Co, 241 Allens Ave, Providence, R I

ZINC AMMONIUM CHLORIDE

$ZnCl_2.3NH_4Cl$. White, deliq. cryst. Sp. gr. 1.72-1.77 (10°C). Uses—mfr. soldering fluid, electric batteries; flux in soldering metals, welding metals; galvanizing baths. Grades—tech.

● Pkg—100 lb. bags, 400 lb. bbls.

S L Abbot Co, 135 King St, San Francisco 7, Cal
American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Industrial Sales Corp, 500 5 Ave, N Y 36
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Naphthalene Products Co, P O Box 6328, Tarrant 7, Ala
George F Smith, 60 E 42 St, N Y 17

ZINC BARYTA WHITE see Lithopone

ZINC BROMIDE

$ZnBr_2$. M.W. 225.2. White, deliq., granular powd. Very sol. in water and alcohol. Uses—mfr. and finishing of rayon. Grades—better than 97.0% $ZnBr_2$.

● Pkg—2 x 5 gal. jars/case.

*J T Baker Chem Co, Phillipsburg, N J
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Dow Chem Co, Midland, Mich
*Michigan Chem Corp, 500 N Bankson St, St Louis, Mich

ZINC CARBONATE (Zinc Subcarbonate, Tutia)

● Pkg—50 lb. bags.

American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
Chemical Service Corp, 82 Beaver St, N Y 5
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Kingston Chem Co, 15 William St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Virginia Smelting Co, W Norfolk, Va

ZINC CHLORIDE (Butter of Zinc)

● Pkg—Solid—1130 lb. drums; Powder—50, 600 lb. drums.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
European Chem Co, 366 Broadway, N Y 13
M W Hardy & Co, 141 Broadway, N Y 6
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Sales Corp, 500 5 Ave, N Y 36
*Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
E & F King & Co, 640 Pleasant St, Norwood, Mass
*Morris P Kirk & Son, 2717 S Indiana St, Los Angeles 23, Cal
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
Merchants Chem Co, 60 E 42 St, N Y 17
*Merck & Co, Rahway, N J
Mutchler Chem Co, 258-259 Broadway, N Y
*National Lead Co, 111 Broadway, N Y 6
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
Wollen Chem & Supply Co, 126 6 Ave, Paterson 4, N J

ZINC CHROMATE (Zinc Yellow, Zinc Chrome, Citron Yellow, Buttercup Yellow)

● Pkg—50 lb. bags, 275 lb. bbls., 300 lb. drums.

*Adelphi Paint & Color Works, 86-00 Dumont Ave, Ozone Park 17, N Y
*Amend Drug & Chem Co, 117 E 24 St, N Y 10
City Chem Corp, 132 W 22 St, N Y 11
*E I du Pont de Nemours & Co, Pigments Dept, 1007 Market St, Wilmington 98, Del
*Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Hooper Chem Corp, P O Box 313, Rutherford, N J
*Imperial Paper & Color Corp, Pigment Color Div, Glens Falls, N Y
Jordan Co, 51 & Merrimac Ave, Chicago 38, Ill
*Kentucky Color & Chem Co, 600 N 34 St, Louisville, Ky
*Reichhold Chem, 630 5 Ave, N Y 20
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Western Dry Color Co, 600 W 52 St, Chicago 9, Ill

ZINC CHROME see Zinc Chromate

ZINC CYANIDE

● Pkg—25, 50 lb. kegs, 100 lb. drums.

Aceto Chem Co, 40-40 Lawrence St, Flushing 54, L I, N Y
American Firstoline Corp, 420 Lexington Ave, N Y 17
Arnida Products Co, 15 Whitehall St, N Y 4
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
Browning Chem Corp, 150 Broadway, N Y 38
*Chemical Mfg Co, 444 Madison Ave, N Y 22
Chemical Service Corp, 82 Beaver St, N Y 5
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Ecclestone Chem Co, 2669-2679 Guoin St, Detroit 7, Mich
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Hummel Chem Co, 90 West St, N Y 6
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
L J & M La Place, Leliarts Lane, E Paterson, N J
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
McKesson & Robbins, 155 E 44 St, N Y
Merchants Chem Co, 60 E 42 St, N Y 17
Mutchler Chem Co, 258-259 Broadway, N Y
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
*Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Republic Chem Corp, 94 Beekman St, N Y 38
Rosenthal Bercow Co, 25 E 26 St, N Y
George F Smith, 60 E 42 St, N Y 17



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*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ZINC DIBUTYL DITHIOCARBAMATE

$Zn[SC(S)N(C_4H_9)_2]_2$. M.W. 474.12. Color, white. M.R. 104-108°C. Uses—primary accelerator; in latex compounding.

● Pkg—5, 40, 80, 100 lb. drums.

*Sharples Chem, 123 S Broad St, Phila 9, Pa
*R T Vanderbilt Co, 230 Park Ave, N Y

ZINC DIETHYL DITHIOCARBAMATE

$Zn[SC(S)N(C_2H_5)_2]_2$. M.W. 361.90. Color, white. M.R. 172-176°C. Uses—vulcanizing agent; primary or secondary accelerator.

● Pkg—5, 40, 80, 100 lb. drums.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section, Wilmington 98, Del
*Sharples Chem, 123 S Broad St, Phila 9, Pa
R T Vanderbilt Co, 230 Park Ave, N Y

ZINC DIMETHYL DITHIOCARBAMATE

$Zn[SC(S)N(CH_3)_2]_2$. M.W. 305.79. Color, white. M.R. 248-250°C. Uses—primary or secondary accelerator.

● Pkg—5, 40, 80, 100 lb. drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
*Sharples Chem, 123 S Broad St, Phila 9, Pa
R T Vanderbilt Co, 230 Park Ave, N Y

ZINC DUST—see also Zinc Metal

Zn. Solid, white crystalline. Sp. gr. 7.142. M.P. 419°C. B.P. 907°C. Sol. acids, alkalies. Uses—mfr. lithopone; reducing agent in making intermediates, organic chemicals, dyestuffs, aniline, nitrobenzene, and in dyeing and printing textiles; galvanizing metals; extraction of gold from ores; laboratory reagent; purifying fats and oils. Grades—tech. (93-95% Zn).

● Pkg—5, 10, 25, 50, 100 lb. pails; 100, 400, 500 lb. drums.

American-British Chem Supplies, 180 Madison Ave, N Y 16
American Firstoline Corp, 420 Lexington Ave, N Y 17
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
Baer Bros, 438 W 37 St, N Y 18
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
John A Chew, 60 E 42 St, N Y 17
Conray Products Co, 510 Ave of the Americas, N Y 11
Filo Color & Chem Corp, 202 E 44 St, N Y 17
Industrial Chem & Dyestuff Co, 239 Broadway, N Y 7
Industrial Sales Corp, 500 5 Ave, N Y 36
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Merck & Co, Rahway, N J
*Metals Disintegrating Co, P O Box 290, Elizabeth B, N J
*National Zinc Co, W 11 St, P O Drawer 579, Bartlesville, Okla
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
*Pacific Smelting Co, 22219 S Western Ave, Torrance, Cal
Republic Chem Corp, 94 Beekman St, N Y 38
Irving M Sobin Co, 72-74 Granite St, Boston 10, Mass
*Superior Zinc Corp, 121 N Broad St, Phila 7, Pa
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo

ZINC 2-ETHYLHEXOATE (Zinc Octoate)

$Zn[CH_3(CH_2)_3CH(C_2H_5)CO_2]_2$. M.W. 351.78. Nearly colorless amorp. solid Uses—liq. solutions used in paints and varnishes as a drier auxiliary.

● Pkg—100, 430 lb. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

ZINC FLUOBORATE

$Zn(BF_4)_2$. M.W. 239.00. 48% solution colorless liq. Uses—in zinc plating bath; in bonderizing of aluminum; in electrolysis plating bath.

*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Rosenthal Bercow Co, 25 E 26 St, N Y

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For all Pharmaceutical, Cosmetic and Industrial Purposes

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Lithopone — White Arsenic
Antimony Oxide — Barium Chloride
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Agricultural Sulfur • Insecticide Formulations
Soil Conditioners • Fertilizers

american FIRSTOLINE CORPORATION
420 LEXINGTON AVE., N. Y. 17, N. Y. MU-3-3203

ZINC FLUORIDE

● Pkg—1, 5 lb. bottles, 25, 100 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
*City Chem Corp, 132 W 22 St, N Y 11
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Henry Sundheimer Co, 103 Park Ave, N Y 17

ZINC FORMATE

$Zn(OOCH)_2 \cdot 2H_2O$. M.W. 191.4. Colorless crystals. Sol. cold water, decomp. in hot water. Uses—catalyst in mfr. of methyl alcohol; addition agent to dye-baths and silk-weighting compositions.

*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*General Chem Div, 40 Rector St, N Y 6

ZINC HYDROSULFITE

ZnS_2O_4. M.W. 193.4. White, amorp. solid. Sol. in water. Uses—as textile stripper; brightening or bleaching of ground wood pulp. Grades—tech.

● Pkg—50 lb. pails, 250, 275 lb. drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
Barclay Chem Co, 75 Varick St, N Y 13
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Virginia Smelting Co, W Norfolk, Va
Watson-Park Co, Box 158, Ballard Vale, Mass

ZINC LINOLEATE

$C_{17}H_{31}COOZn$. Uses—in driers.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

ZINC, MOSSY

Form of zinc used to strip photographic solutions; mfr. soot cleaners, coloring face brick, making photographic chemicals.

*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*Hegeler Zinc Co, P O Drawer 599, Danville, Ill
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Merck & Co, Rahway, N J

ZINC NAPHTHENATE

Uses—as a drier for paints, varnishes.

● Pkg—1, 5, 15, 55 gal. drums.

*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*Darworth Inc, Cuprinol Div, S Hopmeadow St, Simsbury, Conn
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
R B Huber, 216 Tremont St, Boston 16, Mass
*Industrial Lining Engrs, 3527 Smallman St, Pittsburgh 1, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J
*Oronite Chem Co, 38 Sansome St, San Francisco, Cal
*Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill
*Witco Chem Co, 260 Madison Ave, N Y 16

ZINC NITRATE

$Zn(NO_3)_2 \cdot 6H_2O$. Colorless cryst. or white pieces. Sp. gr. 2.065 (13°C). M.P. 36.4°C. B.P. 131°C. Loses water at 105°C. Sol. water, alcohol. Uses—chemical reagent in making intermediates, organic chemicals; in medicine. Grades—tech.; C.P.

● Pkg—Custom packed.

*J T Baker Chem Co, Phillipsburg, N J
*General Chem Div, 40 Rector St, N Y 6
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Howe & French, 99 Broad St, Boston, Mass
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
*Merck & Co, Rahway, N J

ZINC OLEATE

$Zn(C_{18}H_{33}O_2)_2$. M.W. 625.89. White, greasy, gran. powd. Insol. water; sol. alcohol, ether, benzene. Uses—as a varnish drier; in medicinals.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
Shepherd Chem Co, 2803 Highland Ave, Cincinnati 12, Ohio
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

ZINC OXIDE (Nil Alba, Flowers of Zinc, Zinc White, Chinese White)

ZnO. M.W. 81.38. White, or yellowish-white, amorp. powd. Sp. gr. 5.47. Sol. acids. Uses—mfr. zinc salts, paints, varnishes, enamels, lead-zinc and other zinc pig-

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

ments, ceramic enamels and glazes, cements, candles, white glue, gelatin, glass, matches, printing inks, cosmetics, toilet articles, dental cements, ointments, salves, celluloid, soap; body color in printing; pigment for rubber, linoleum, oilcloth; in medicine. Grades—U.S.P.; C.P.; French process; American process; leaded (varying percentages of lead sulfate); Green seal; Red seal; White seal, etc.

● Pkg—50 lb. bags, 100 lb. drums.

*Acheson Colloids Co, 1661 Washington Ave, Port Huron, Mich
American-British Chem Supplies, 180 Madison Ave, N Y 16
*American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
*American Zinc Sales Co, 1600 Paul Brown Bldg, St Louis 1, Mo
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
*Associated Lead & Zinc Co, 2700 16 Ave, S W, Seattle 4, Wash
J M Baird Co, 254 W 31 St, N Y 1
J T Baker Chem Co, Phillipsburg, N J
Barclay Chem Co, 75 Varick St, N Y 13
Bell Chem Co, 25 W 44 St, N Y 36
Braun Corp, 2260 E 15 St, Los Angeles 21, Cal
Browning Chem Corp, 150 Broadway, N Y
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Chemical Service Corp, 82 Beaver St, N Y 5
*Cole Labs, 42-25 9 St, L I C 1, N Y
Conray Products Co, 510 Ave of the Americas, N Y 11
De Bear Inc, 636 11 Ave, N Y 36
Dura Commodities Corp, 20 Vesey St, N Y 7
Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
Esor Chem Co, 205 E 42 St, N Y
Golwynne Chem Corp, 420 Lexington Ave, N Y 17
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Charles L Huisking & Co, 45 Clinton Ave, Bklyn 5, N Y
International Commodities Corp, 11 Mercer St, N Y 13
International Selling Corp, 122 E 42 St, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Kolon Trading Co, 15 Park Row, N Y
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Legion Chem, 70 Wall St, N Y 5
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Merck & Co, Rahway, N J
*Mineral Pigments Corp, Washington Blvd, Muirkirk, Md
*Monsanto Chem Co, Organic Chem Div, 800 N 12 Blvd, St Louis 1, Mo
Mutchler Chem Co, 258-259 Broadway, N Y
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Pacific Smelting Co, 22219 S Western Ave, Torrance, Cal
*Philipp Bros Chem, 37 Wall St, N Y 5
Plastichemicals Co, 1 Beekman St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Rosenthal Bercow Co, 25 E 26 St, N Y
*St. Joseph Lead Co, 250 Park Ave, N Y 17
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
George F Smith, 60 E 42 St, N Y 17
J U Starkweather Co, 241 Allens Ave, Providence, R I
*Superior Zinc Corp, 121 N Broad St, Phila 7, Pa
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
Tobey Chem Co, 1472 Broadway, N Y 36
O J Weeks Co, 44 N Moore St, N Y 13
White Cross Labs, 79 Wall St, N Y

ZINC PALMITATE

$Zn(C_{16}H_{31}O_2)_2$. Fine white amorp. powd. somewhat coarser and less bulky than zinc stearate. M.P. 100°C. Insol. water, alcohol; partly sol. toluol. Uses—for flatting special lacquers; in rubber compounding. Grades—tech.

● Pkg—50 lb. cartons, bags.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
*Witco Chem Co, 260 Madison Ave, N Y 16

ZINC PERCHLORATE

$Zn(ClO_4)_2 \cdot 6H_2O$. M.W. 264.30. Clear crystalline material. Uses—general laboratory reagent.

City Chem Corp, 132 W 22 St, N Y 11
*G Frederick Smith Chem Co, 867 McKinley Ave, P O Box 1611, Columbus 16, Ohio

ZINC RESINATES

ZITRO® ZIREX® ZINAR® ZINOL®

Liquids and solids available with a higher zinc content, higher melting point, lower acid number and paler color made possible by Newport's research and developmental facilities.

NEWPORT INDUSTRIES, Inc.

230 PARK AVENUE NEW YORK 17, N. Y.

ZINC PERMANGANATE

$Zn(MnO_4)_2.6H_2O$. M.W. 411.3. Dark brown deliq. cryst. Sol. water. Uses—as oxidizing agent; in medicine.

*Edward S Burke, 65 Pine St, N Y 5
*Carus Chem Co, 1375 8 St, La Salle, Ill

ZINC PEROXIDE

Mixture of about 45% $ZnO_2 + ZnO$ with some water; about 7.4% available oxygen. White to yellowish-white, odorless, bulky powd. Decomp. 150°C. Sol. acids (H_2O_2 liberated); insol. water, but gradually decomp. by it. Uses—in medicine, cosmetics, as disinfectant, astringent.

● Pkg—100, 200 lb. drums.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Buffalo Electro-Chem Co, Sta B, Buffalo 7, N Y
*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo

ZINC PHENOL SULFONATE see Zinc Sulfocarbolate

ZINC 1-PHENOL-4-SULFONATE

● Pkg—100, 175, 200 lb drums.

*Dow Chem Co, Midland, Mich
*Mallinckrodt Chem Wks, 2 & Mallinckrodt Sts, St Louis 7, Mo
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*RSA Corp, 690 Saw Mill River Rd, Ardsley, N Y

ZINC PHOSPHATES

Zinc Metaphosphate $Zn(PO_3)_2$. M.W. 223.3. White powd. Insol. water; slowly sol. in acids. Uses—constituent of ceramics, porcelain and special glasses.

Zinc Pyrophosphate $Zn_2P_2O_7 \cdot 4H_2O$. M.W. 376.7. White microcrystalline powd. Insol. water; sol. acids, alkalies, ammonium hydroxide. Uses—ceramics and porcelain compositions.

● Pkg—200 lb. kegs, 100 lb. drums.

*Amend Drug & Chem Co, 117 E 24 St, N Y 10
*City Chem Corp, 132 W 22 St, N Y 11
*Monsanto Chem Co, Phosphate Div, 1700 S 2 St, St Louis 4, Mo
Shea Chem Corp, 1201 St Paul St, Baltimore 2, Md
*Victor Chem Works, 141 W Jackson Blvd, Chicago 4, Ill

ZINC POWDER

● Pkg—5, 10, 25, 50, 100 lb. pails; 100, 400, 500 lb. drums.

Baer Bros, 438 W 37 St, N Y 18
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

ZINC RESINATE

● Pkg—100 lb. 55 gal. drums.

*Alkydol Labs, 3242 S 50 Ave, Cicero 50, Ill
*Crosby Chem, P O Box 32, DeRidder, La
*Ferro Chem Corp, Box 349, Bedford, Ohio
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
*J Meyer & Sons, 4321 N 4th St, Phila 40, Pa
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Newport Industries, 230 Park Ave, N Y 17
*C J Osborn Co, 132 Nassau St, N Y 38
*Fred'k A Stresen-Reuter, 2113 Medill Ave, Chicago 47, Ill

ZINC RICINOLEATE

$Zn(CH_3(CH_2)_5CHOHCH_2CH(CH_2)_7CO_2)_2$. M.W. 655. Fine white solid. Uses—greases; lubricants; water-proofing; additive in lubricating oils.

● Pkg—50 lb. bags.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*Nuodex Products Co, 830 Magnolia Ave, Elizabeth F, N J

ZINC SALICYLATE

$Zn(C_6H_4.OH.COO)_2 + 3H_2O$. M.W. 393.57. White, odorless needles or crystalline powd. Sol. water, alcohol. Uses—medicine.

*Chemo Pure Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
*Simpson Labs Div, 120 Wall St, N Y 5
*Toelle Chem-Co, R D 1, Box 75, Newton, N J

ZINC SILICOFLUORIDE

$ZnSiF_6.6H_2O$. M.W. 315.54. White, crystalline powd. Sp. gr. 2.104 at 20/4°C. Sol. in water.

● Pkg—100, 200, 400 lb. drums, 350 lb. bbls.

*American Agricultural Chem Co, 50 Church St, N Y 7
American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Chloral Chem Corp, 171 Lombardy St, Bklyn 22, N Y
*Davison Chem Corp, 101 N Charles St, Baltimore 3, Md
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Henry Sundheimer Co, 103 Park Ave, N Y 17
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Washine-National-Sands, 37-02 Northern Blvd, L I C 1, N Y

ZINC STEARATE (Soap Dust)

$Zn(C_{18}H_{35}O_2)_2$. Fine, white, soft, bulky, amorp. powd. Sol. acids; insol. water, alcohol, ether. Uses—drier in making paints, enamels, varnishes, face powd., cosmetics, fireproofing compositions, crayons, oil-cloth and linoleum, dusting agent in the rubber industry. Grades—tech.; U.S.P.

● Pkg—25 lb. bags, 50 lb. cartons.

S L Abbot Co, 800 S Santa Fe Ave, Los Angeles 21, Cal
Adams-Henry Chem Co, 32 Broadway, N Y 4
*Advance Solvents & Chem Corp, 245 5 Ave, N Y 16
*American Cyanamid Co, Industrial Chem Div, 30 Rockefeller Plaza, N Y 20
*American Cyanamid Co, Plastics & Resins Div, 30 Rockefeller Plaza, N Y 20
American Firstoline Corp, 420 Lexington Ave, N Y 17
*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
Arnold, Hoffman & Co, 55 Canal St, Providence 1, R I
J T Baker Chem Co, Phillipsburg, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Chemical Service Corp, 82 Beaver St, N Y 5
Diesel Chem Co, 243 4 Ave, Bklyn 15, N Y
Doe & Ingalls, 56 Garden St, Everett 49, Mass
E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del
Dura Commodities Corp, 20 Vesey St, N Y 7
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Flo Color & Chem Corp, 202 E 44 St, N Y 17
*Fungicides, Inc, 2271 Scranton Rd, Cleveland 13, Ohio
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
*Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Harwick Standard Chem Co, 60 S Seiberling St, Akron 5, Ohio
Howe & French, 99 Broad St, Boston, Mass
R B Huber, 216 Tremont St, Boston 16, Mass
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
*Leffingwell Chem Co, P O Box 191, Whittier, Cal
Lewis Chem Co, 232 Canal St, N Y 13
Philip J Lo Bue Co, 277 Park Ave, N Y 17

*Company classifies itself as manufacturer or producer of this product
Looking for additional information: See Catalog Section

WITCO METALLIC STEARATES

ALUMINUM • LITHIUM
AMMONIUM • LITHIUM HYDROXY
BARIUM • MAGNESIUM
CADMIUM • SODIUM
CALCIUM • ZINC
IRON
LEAD

WITCO CHEMICAL COMPANY
260 MADISON AVENUE • NEW YORK 16, NEW YORK
Los Angeles • Boston • Chicago • Houston • Cleveland
San Francisco • Akron • London and Manchester, England

PLYMOUTH STEARATES
of
Aluminum, Calcium, Magnesium,
Barium and Zinc
for

PAINTS, VARNISHES, LACQUERS, INKS
CHEMICALS, PHARMACEUTICALS, RUBBER, GREASES
PLASTICS, COSMETICS, CERAMICS, SOAPS
and other industries

M. W. Parsons-Plymouth, Inc.
59 Beekman St. New York, 38

STEARATES

MATHE

ZINC • CALCIUM • MAGNESIUM
BARIUM • CADMIUM

LEAD • COPPER • STRONTIUM
IRON • MANGANESE • ALUMINUM

metallic soaps fused and precipitated-palmitates, oleates-linoleates resinates

MATHE CHEMICAL CO.
169 MILLBANK STREET, LODI, N. J.

ZINC STEARATE continued

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
George Mann & Co, 251 Fox Point Blvd, Providence 1, R I
Martin, Hoyt & Milne, 623 Merchants Exchange Bldg, San Francisco, Cal
*Mathe Chem Co, 169 Millbank St, Lodi, N J
*Merck & Co, Rahway, N J
*Metasap Chem Co, Logan & Davis Sts, Harrison, N J
*Millmaster Chem Corp, 11 W 42 St, N Y 36
*Mooney Chem, 2271 Scranton Rd, Cleveland 13, Ohio
*M W Parsons-Plymouth, 59 Beekman St, N Y 38
Philipp Bros Chem, 37 Wall St, N Y 5
Phillips & Jacobs, 622 Race St, Phila 6, Pa
Prior Chem Corp, 420 Lexington Ave, N Y 17
Reheis Co, Snyder Ave, Berkeley Heights, N J
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
George F Smith, 60 E 42 St, N Y 17
Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Joseph Turner & Co, Ridgefield, N J
*Warwick Chem Co Div, 1010 44 Ave, L I C 1, N Y
*Whittaker, Clark & Daniels, 260 W Broadway, N Y 13
*Witco Chem Co, 260 Madison Ave, N Y 16

ZINC SUBCARBONATE see Zinc Carbonate

ZINC SULFATE (Vitriol, Salt of Vitriol, Zinc Vitriol, White Copperas)

$ZnSO_4.7H_2O$. M.W. 287.55. Colorless, efflorescent cryst. Sp. gr. 1.9661. M.P. 39°C. Sol. water. Uses—mfr. zinc salts, drying oils, varnishes, lacquers, ceramics, enamels, lithopone, zinc white; mordant in dyeing and printing textiles; fireproofing textiles; as paint pigment; clarifying glue solutions; preservative in glues, adhesives, also for wood and hides; water disinfectant; zinc plating; black nickel plating; in medicine.
● Pkg—100 lb. bags, 100, 300 lb. drums, 400 lb. bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
American Firstoline Corp, 420 Lexington Ave, N Y 17
American Quinine Co, 15 William St, N Y 5
Axton-Cross Corp, 817 Waverly St, Framingham, Mass
J M Baird Co, 254 W 31 St, N Y 1
*J T Baker Chem Co, Phillipsburg, N J
Bonewitz Chem, 101 N 3 St, Burlington, Iowa
California Spray-Chem Corp, Lucas & Ortho Way, Richmond, Cal
Doe & Ingalls, 56 Garden St, Everett 49, Mass
*E I du Pont de Nemours & Co, Grasselli Chem Dept, Wilmington 98, Del

LEFFINGWELL
ZINC
STEARATES

●

Stearates and Palmitates
OKTO - 8's
(2 Ethyl Hexoic Acid)
Metallic Soaps Chemical Specialties

●

LEFFINGWELL
CHEMICAL COMPANY
P.O. Box 191 Phone Oxford 71716
WHITTIER, CALIFORNIA

Distribution Points: Los Angeles, San Francisco, Portland, Seattle

*Company classifies itself as manufacturer or producer of this product
Looking for nearest branch office: See Catalog Section

Eaton Chem & Dyestuff Co, 1490 Franklin St, Detroit 9, Mich
European Chem Co, 366 Broadway, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Innis, Speiden & Co, 420 Lexington Ave, N Y 17
Kingston Chem Co, 15 William St, N Y 5
Kraft Chem Co, 917 W 18 St, Chicago 8, Ill
Lewis Chem Co, 232 Canal St, N Y 13
*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
*Matheson, Coleman & Bell, 4101 Montgomery Rd, Norwood (Cincinnati), Ohio
McKesson & Robbins, 155 E 44 St, N Y
*Merck & Co, Rahway, N J
*Naphthalene Products Co, P O Box 6328, Tarrant 7, Ala
National Oil & Supply Co, 173 Frelinghuysen Ave, Newark, N J
Philipp Bros Chem, 37 Wall St, N Y 5
Prior Chem Corp, 420 Lexington Ave, N Y 17
Republic Chem Corp, 94 Beekman St, N Y 38
Riches-Nelson, 342 Madison Ave, N Y 17
G S Robins & Co, 126 Chouteau Ave, St Louis 2, Mo
Rosenthal Bercow Co, 25 E 26 St, N Y
Schmitz-Schoenewaldt-Turner Co, 20 Vesey St, N Y 7
*Sherwin-Williams Co, 100 Park Ave, N Y 17
Stauffer Cheme Co, Pacific N W Div, P O Box 68, N Portland, Ore
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
Joseph Turner & Co, Ridgefield, N J

ZINC SULFATE MONOHYDRATE

$ZnSO_4 \cdot H_2O$. M.W. 179.46. White free-flowing powd. Sol. water. Uses—agricultural sprays; chemical intermediate; glue clarifying; dyestuff mfr.; electroplating; rayon mfr.

● Pkg—100 lb. bags, 100, 300 lb. drums, 400 lb bbls.

Adams-Henry Chem Co, 32 Broadway, N Y 4
*W R E Andrews Sales, 1505 Race St, Phila 2, Pa
J T Baker Chem Co, Phillipsburg, N J
John A Chew, 60 E 42 St, N Y 17
Faesy & Besthoff, 325 Spring St, N Y 13
Frank G Fanning Co, 352 Doremus Ave, Newark 5, N J
Gallard-Schlesinger Chem Co, 37-11 29 St, L I C 1, N Y
Industrial Sales Corp, 500 5 Ave, N Y 36
E & F King & Co, 640 Pleasant St, Norwood, Mass
Rosenthal Bercow Co, 25 E 26 St, N Y
*Sherwin-Williams Co, 100 Park Ave, N Y 17
*Smith Chem & Color Co, 55 John St, Bklyn 1, N Y
*Tennessee Corp, 617-29 Grant Bldg, Atlanta, Ga
Thompson Hayward Chem Co, 2915 Southwest Blvd, Kansas City 8, Mo
*Virginia Smelting Co, W Norfolk, Va

ZINC SULFIDE

ZnS. Yellowish-white powd. Sp. gr. 3.98. M.P. 1049° C. Sublimes at 1180°C. Sol. acids. Uses—mfr. paints, enamels, varnishes, lacquers, luminous paints, lithopone, plastics, rubber, opaque glass, glues, adhesives, as artificial leather pigment; coloring oil-cloth and linoleum. Grades—tech.; C.P.

● Pkg—Custom packed.

American Firstoline Corp, 420 Lexington Ave, N Y 17
John A Chew, 60 E 42 St, N Y 17
*New Jersey Zinc Sales Co, 160 Front St, N Y 38
C J Osborn Co, 132 Nassau St, N Y 38
Republic Chem Corp, 94 Beekman St, N Y 38

ZINC SULFIDE, LUMINOUS

● Pkg—Custom packed.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Canadian Radium & Uranium Corp, 630 5 Ave, N Y 20
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*New Jersey Zinc Sales Co, 160 Front St, N Y 38

ZINC SULFIDE WHITE see Lithopone

ZINC SULFOCARBOLATE (Zinc Phenol Sulfonate)

$[C_6H_3(OH)CO_3]_2Zn$. M.W. 411.58. Uses—in mfr. antiseptics.

● Pkg—100, 175, 200 lb. drums.

*Mallinckrodt Chem Works, 2 & Mallinckrodt Sts, St Louis 7, Mo
New York Quinine & Chem Works, 99 N 11 St, Bklyn 11, N Y
*Robinson, Wagner Co, 110 E 42 St, N Y 17

ZINC SULFOXYLATE FORMALDEHYDE

$Zn(HSO_2.CH_2O)_2$. M.W. 255.6. Crystalline powd. Water sol. Uses—powerful agent reduction of vat dyes for textiles; removal of certain dyes; bleaching agent for sugar, molasses, wood pulp, glue and soap; in chemical synthesis.

● Pkg—Drums.

*Antara Chem Div, 435 Hudson St, N Y 14
*E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Wilmington 98, Del
*R S A Corp, 690 Saw Mill River Rd, Ardsley, N Y
Riches-Nelson, 342 Madison Ave, N Y 17
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
Seaboard Industries, 195 Keen St, Paterson, N J
Siegel Chem Co, 3 Hanson Pl, Bklyn 17, N Y
Welch, Holme & Clark Co, 439 West St, N Y 14
*Jacques Wolf & Co, Passaic, N J

ZINC UNDECYLENATE

$(C_{11}H_{19}O_2)_2Zn$. M.W. 431.9. White, practically odorless powd.; insol. water, alcohol. Uses—medicinal.

● Pkg—50 lb. drums.

*Argus Chem Lab, 633 Court St, Bklyn 31, N Y
*Baker Castor Oil Co, 120 Broadway, N Y 5
*Chemo Puro Mfg Corp, Queens Blvd & N 32 Pl, L I C, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Desmo Chem Corp, 607 5 Ave, N Y 17
*Toelle Chem Co, R D 1, Box 75, Newton, N J

ZINC ZIRCONIUM SILICATE

$ZnZrSiO_5$. M.W. 264.5. White powd. M.P. 3800°F. Sol. HF; sl. sol. hot conc. sulfuric; insol. water, alkalis. Uses—imparts moderate opacity and color brilliance to low cone art ware glazes.

● Pkg—80 lb. bags, 500 lb. bbls., drums.

*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

ZIRCON

$ZrSiO_4$. A natural zirconium silicate. Color—light yellow, brownish-yellow, gray, yellowish-green, reddish-brown. Contains 67.2% zirconia and 32.8% silica. Sp. gr. 4.68-4.70. Hardness 7.5.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
Mefford Chem Co, 1026 Santa Fe Ave, Los Angeles 21, Cal
*Metal & Thermit Corp, 100 E 42 St, N Y 17
Shieldalloy Corp Div, 100 Park Ave, N Y 17
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J

ZIRCONIUM ACETATE

● Pkg—500 lb. bbls., drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J

ZIRCONIUM CARBONATE (Zirconium Basic Carbonate)

$ZrOCO_3$. Amorp. white powd. Insol. water, sol. acids.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

ZIRCONIUM HYDRIDE

● Pkg—Cans/box.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Metal Hydrides, 22½ Congress St, Beverly, Mass
Frank Samuel & Co, 24 State St, N Y 4
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J

ZIRCONIUM METAL

(See ads on page 674)

Zr. At.Wt. 91.22. A rare earth metal. silver-white crystalline or gray amorphous. Sp. gr. 4.15 (cryst.) and 6.4 (amor.). Insol. water, acids; sol. hydrochloric acid, aqua regia and molten alkalies. Has a valency of 4 and forms two series of compounds. Uses—in steel mfr. as silicon zirconium or ferrosilicon and forms many alloys useful in wire and filament mfr.

● Pkg—Cans/box.

*Belmont Smelting & Refining Works, 330 Belmont Ave, Bklyn 7, N Y
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
*Electro Metallurgical Co Div, 30 E 42 St, N Y 17
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*International Selling Corp, 122 E 42 St, N Y 17
*Metal Hydrides, 22½ Congress St. Beverly, Mass
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Varlacoid Chem Co, 116 Broad St, N Y 4

ZIRCONIUM NITRATE (Zirconyl Nitrate)

$ZrO(NO_3)_2$. White crystalline powd. Sol. Water, alcohol.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J
*Varlacoid Chem Co, 116 Broad St, N Y 4

ZIRCONIUM OXIDE (Zirconium Anhydride, Zirconia, Zircon Alba, Baddeleyite, Zirkite)

ZrO_2. M.W. 123.2. A heavy white powd. M.P. 2700° C. Insol. in water and acids and sol. in hot sulfuric or hydrofluoric acid. Uses—mfr. refractories, gas mantles; in photography as a substitute for bismuth salts. As an effective opacifier of fused enamels, glass and glasses.

● Pkg—50, 80 lb. bags, 100, 325, 400, 550 lb. bbls., drums.

American Firstoline Corp, 420 Lexington Ave, N Y 17
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Frank Samuel & Co, 24 State St, N Y 4
C Tennant, Sons & Co, of N Y, 100 Park Ave, N Y 17
*Titanium Zirconium Co, Locktown Rd, Flemington, N J
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

MALLINCKRODT ZINC STEARATES

- U.S.P. and special grades for pharmaceutical and cosmetic preparations.
- Our Cosmetic Grade conforms to U.S.P. and T.G.A. specifications.
- Grades for lubricants, dusting powder, mold releasing, flatting lacquers, and sanding sealers.
- Also Aluminum, Calcium, Magnesium, Sodium and special Stearates.

Send for samples and Data Sheets.

Mallinckrodt

MALLINCKRODT CHEMICAL WORKS
ST. LOUIS 7, MO. NEW YORK 8, N. Y.
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CHICAGO • SAN FRANCISCO • LOS ANGELES
In Canada: Mallinckrodt Chemical Works, Ltd., Montreal—Toronto

TAM ZIRCONIUM TITANIUM PRODUCTS
Registered U. S. Pat. Off.

ZIRCONIUM METAL

SPONGE and BRIQUETTES

3½" dia. briquettes are available in ½" to 3" heights with a bulk density of 160 to 190 lbs. per cu. ft. Sponge is ¾" and down with a maximum of 15% through a 10 mesh screen.

BARS, RODS, SHEETS, WIRE

Small sizes are available in limited quantities.

TITANIUM ALLOY MFG. DIVISION
National Lead Company
111 Broadway, N.Y.C.

Plant: Niagara Falls, N. Y.

*Company classifies itself as manufacturer or producer of this product
For complete list of company products: See Catalog Section

ZIRCONIUM METAL*

(Also tubing, sheets and strips)

*Tungsten

*Tantalum

*Chromium

Copper

Brass

Aluminum

Products of Murex, Ltd., Rainham, Essex, England

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ZIRCONIUM

ORES—Zircon (Zirconium Silicate) sand and milled.

METAL—"ZIRMET", pure, ductile metal in sheet, wire and rod form.

Powder, pyrotechnic and vacuum tube use.

FOOTE MINERAL COMPANY

409 EIGHTEEN WEST CHELTEN BLDG.
PHILADELPHIA 44, PENNA.

ZIRCONIUM OXYCHLORIDE

$ZrOCl_2.8H_2O$. M.W. 322.26. White silky cryst. Sol. water, alcohol.

●Pkg—300 lb. bbls. drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
City Chem Corp, 132 W 22 St, N Y 11
*Fairmount Chem Co, 600 Ferry St, Newark 5, N J
George F Smith, 60 E 42 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J

ZIRCONIUM POTASSIUM FLUORIDE see Potassium Zirconium Fluoride

ZIRCONIUM SALTS

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Bram Chem Co, 820 65 Ave, Phila 26, Pa
City Chem Corp, 132 W 22 St, N Y 11
*Jasonols Chem Corp, 1085 Myrtle Ave, Bklyn 6, N Y
*Kawecki Chem Co, 220 E 42 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J
*Variacoid Chem Co, 116 Broad St, N Y 4

ZIRCONIUM SILICATE

●Pkg—100, 400 lb. drums.

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Foote Mineral Co, 18 W Chelten Ave, Phila 44, Pa
*Metal & Thermit Corp, 100 E 42 St, N Y 17
*Shieldalloy Corp Div, 100 Park Ave, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6
*Titanium Zirconium Co, Locktown Rd, Flemington, N J
Charles A Wagner Co, 813 Callowhill St, Phila 23, Pa

ZIRCONIUM SULFATE

$Zr(SO_4)_2 \cdot 4H_2O$. M.W. 355.30. White fine cryst. Sol. water, inorganic acids. Precipitates in alkalies. Uses—grease and oil additives, protein precipitants, catalyst supports, high temp. lubricants.

●Pkg—400 lb. bbls., drums.

*F W Berk & Co, Park Pl E, Woodridge, N J
Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
Frank Samuel & Co, 24 State St, N Y 4
George F Smith, 60 E 42 St, N Y 17
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

ZIRCONYL SULFATE SOLUTION

Berkshire Chem, Graybar Bldg, 420 Lexington Ave, N Y
*Rohm & Haas Co, 712 Locust St, Phila 5, Pa
*Titanium Alloy Mfg Div, 111 Broadway, N Y 6

ZIRKITE see Zirconium Oxide

TAM ZIRCONIUM & TITANIUM PRODUCTS
Registered U. S. Pat. Off.

SOLUBLE SALTS

Zirconium Oxychloride	$ZrOCl_2 8H_2O$
Zirconium Tetrachloride	$ZrCl_4$
Zirconium Acetate Solution	H_2ZrO_2
Ammonium Zirconyl Carbonate Solution	$(NH)_2ZrOH$
Zirconium Sulphate	$Zr(SO_4)_2 4H_2O$

TITANIUM ALLOY MFG. DIVISION

National Lead Company

111 Broadway, N.Y.C.

Plant: Niagara Falls, N. Y.

Berkshire

BERKSHIRE BCI CHEMICALS

MERCURIALS
ZIRCONIUM CHEMICALS
CARBAMATES
VANADIUM CHEMICALS
BORON
AGRICULTURAL MAGNESIA

Zirconium Silicate	Sodium Zirconyl Sulphate
Zircon Sand	Zirconyl Nitrate
Zircon Flour	Zirconyl Sulphate
Zirconium Acetate Solution	Ferric Dimethyldithiocarbamate—"Ferberk" (R)
Zirconium Carbonate	Zinc Dimethyldithiocarbamate—"Zirberk" (R)
Zirconium Oxide	Ammonium Metavanadate
Zirconium Oxychloride	Boron, Amorphous
Zirconium Potassium Fluoride	

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BERKSHIRE CHEMICALS INC.

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TAM ZIRCONIUM & TITANIUM PRODUCTS
Registered U. S. Pat. Off.

SOLUBLE SALTS

ZIRCONIUM SILICATES

DOUBLE SILICATES

ZIRCONIUM OXIDES

and related products of Titanium and Zirconium

TITANIUM ALLOY MFG. DIVISION

National Lead Company

111 Broadway, N.Y.C.

Plant: Niagara Falls, N. Y.

*Company classifies itself as manufacturer or producer of this product
Looking for telephone numbers: See Catalog Section

CHEMICAL WEEK

GUIDE TO

EQUIPMENT • CONTAINERS • SUPPLIES

ABRASIVES

American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
Exolon Co, Tonawanda, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 18, Pa
Johns-Manville, 22 E 40 St, N Y 16
Norton Co, 1 New Bond St, Worcester 6, Mass
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Trane Co, 3 & Cameron, La Crosse, Wis

ABSORBERS

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Koch Engrg Co, 321 W Douglas, Wichita, Kan
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Podbielniak Inc, 341 E Ohio St, Chicago, Ill
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

ACCUMULATORS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aldrich Pump Co, Allentown, Pa
Autoclave Engrs, 860 E 19 St, Erie, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
McQuay, Inc, 1600 Broadway St N E, Minneapolis 15, Minn
National Carbon Co Div, 30 E 42 St, N Y 17
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Robinson Air-Activated Conveyor Systems Div, 205 E 42 St, N Y 17
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

ACCUMULATORS, HYDRAULIC

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aldrich Pump Co, Allentown, Pa
Autoclave Engrs, 850 E 19 St, Erie, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

ACID EGGS

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
United States Stoneware Co, 60 E 42 St, N Y 17

ADAPTORS, FITTINGS

Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Stanley G Flagg & Co, 1421 Chestnut St, Phila 2, Pa
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Grinnell Co, 260 W Exchange St, Providence 1, R I
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Walworth Co, 60 E 42 St, N Y 17

ADAPTORS, STOPCOCK

Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill

ADSORPTION APPARATUS

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lummus Co, 385 Madison Ave, N Y 17
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

AERATORS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Mach & Foundry Co, 511 5 Ave, N Y 17
Bin-Dicator Co, 13946 Kercheval Ave, Detroit 15, Mich
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Denver Equipment Co, 1400 17 St, Denver, Col
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Minneapolis 7, Ind
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4th St, Columbus 16, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Permutit Co, 330 W 42 St, N Y 36
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

AFTERCOOLERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
R P Adams Co, 240 E Park Dr, Buffalo, N Y
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Andale Co, 1740 Cherry St, Phila 3, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Clark Bros Co, Olean, N Y
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Gardner Denver Co, Quincy, Ill
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Griscom-Russell Co, Massillon, Ohio
Heat-X-Changer Co, Brewster, N Y
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Ingersoll-Rand Co, 11 Broadway, N Y 4
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Superior Combustion Industries, 1475 Broadway, N Y 18
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10 Conn

AGITATORS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Milldale, Conn
American Mach & Foundry Corp, 511 5 Ave, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Galigher Co, 545 W South, Salt Lake City, Utah
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Infilco Inc, Box 5033, Tucson, Ariz
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
National Molded Piping Distributors, 387 W. Side Ave, Jersey City 4, N J
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill

AGITATORS, AIR

Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Dorr Co Engrs, Barry Pl, Stamford, Conn
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
Ultrasonic Corp, 61 Rogers St, Cambridge, Mass
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill

Looking for additional information: See Catalog Section

Lightnin® Mixers

(MIXCO® Engineered)

Complete service on fluid mixing needs



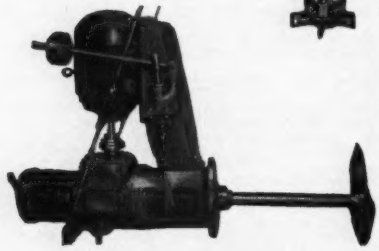
PORTABLE

More than 30 models, from ⅓ to 3 HP. Electric and air motor types. Direct-drive and gear-drive mixers for every application. Fully described in Catalog B-75.



TOP OR BOTTOM ENTERING

Propeller, paddle and turbine types. Sizes ¼ to 500 HP. Included are new Series "E" Lightnin Mixers with up to 16 interchangeable speeds in standard gear reducer. For details, request Catalog B-105 (complete line); Catalog B-103 (propeller types only); Catalog B-102 (paddle and turbine types).



SIDE ENTERING

For tanks to 5 million gallons capacity. Sizes 1 to 25 HP. Gear-drive; V-belt drive. Request Catalog B-104.

LABORATORY MIXERS

Precision built Lightnin Mixers for laboratories and small-batch production. Electric or air driven. Request Bulletin DH-50.

Lightnin Mixer advantages

All-standard construction—low upkeep
Easy conversion if process changes
Widest selection of impellers, mountings, materials
Scale-up results fully predictable
Efficient sizing in modern laboratory and pilot plant facilities
Delivered complete, ready to operate
Correct performance guaranteed—or purchase price refunded

MIXCO fluid mixing specialists

MIXING EQUIPMENT CO., INC.
139 Mt. Read Blvd., Rochester 11, N. Y.
In Canada: William & J. G. Greey, Ltd., Toronto 1, Ont.

AGITATORS, LIQUID

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Mach & Foundry Co, 511 5 Ave, N Y 17
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S **Marion St, Warren, Pa**
J H Day Co, 1144 **Harrison Ave, Cincinnati 22, Ohio**
Denver Equipment Co, 1400 17 St, Denver, Col
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Galigher Co, 545 W 8 South, Salt Lake City, Utah
General **American Trans Corp, 135 S LaSalle St, Chicago 90, Ill**
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hardinge Co, 240 Arch St, York, Pa
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Ultrasonic Corp, 61 Rogers St, Cambridge, Mass

AGITATORS, MECHANICAL

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
American Mach & Foundry Corp, 511 5 Ave, N Y 17
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, **Barry Pl, Stamford, Conn**
Galigher Co, 545 W 8 South, Salt Lake City, Utah
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill

AGITATORS, PORTABLE

Conn & Co, 11 S Marion St, Warren, Pa
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Enzinger Union Corp, Hardpan Rd, Angola, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 4, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

AGITATORS, PIPE LINE

Alsop Engrg Corp, 530 Center St, Millidale, Conn
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

AGITATORS, STEAM AND AIR JET

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Heil Process Equipment Corp. 12901 Elmwood Ave, Cleveland 11, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks County, Pa

AIR CONDITIONING EQUIPMENT

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Clarage Fan Co, Kalamazoo, Mich
W B Connor Engrg Corp, Shelter Rock Lane, Danbury, Conn
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Gardner Denver Co, Quincy, Ill
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Patterson-Kelley Co, E Stroudsburg, Pa
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill
Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Surface Combustion Corp, Toledo 1, Ohio
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Welsbach Corp, 1500 Walnut St, Phila 2, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

AIR CONDITIONING EQUIPMENT, RECOVERY SYSTEMS

W B Connor Engrg Corp, Shelter Rock Lane, Danbury, Conn
Patterson-Kelley Co, E Stroudsburg, Pa
W W Sly Mfg Co, 4700 Train Ave, Cleveland 2, Ohio
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

AIR CONDITIONING EQUIPMENT, SEPARATORS

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
R P Adams Co, 240 E Park Dr, Buffalo, N Y
Logan Engrg Co, 4901 W Lawrence Ave, Chicago 30, Ill
James A Murphy & Co, 1421 High St, Hamilton, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
W W Sly Mfg Co, 4700 Train Ave, Cleveland 2, Ohio
Trane Co, 3 & Cameron, La Crosse, Wis

ALARMS, LIQUID LEVEL

Automatic Control Co, 1005 University Ave, St Paul, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Diamond Power Specialty Corp, P O Box 415, Lancaster, Ohio
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Jo-Bell Products, 4840 S St Louis Ave, Chicago 32, Ill
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Panalarm Products, 6312 N Broadway, Chicago 40, Ill
Photoswitch Inc, 77 Broadway, Cambridge 42, Mass
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
United Engrs, 824 E 6 St, Tulsa, Okla
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALARMS, PRESSURE

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Clarage Fan Co, Kalamazoo, Mich
Fischer & Porter Co, Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa

Panalarm Products, 6312 N Broadway, Chicago 40, Ill
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
United Engrs, 824 E 6 St, Tulsa, Okla
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALARMS, TEMPERATURE

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Panalarm Products, 6312 N Broadway, Chicago 40, Ill
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Western Elecl Instrument Corp, 614 Frelinghuysen Ave, **Newark 5, N J**

ALLOYS

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Federated Metals Div, 120 Broadway, N Y 5
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Lebanon Steel Foundry, Lebanon, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S La Salle St, Chicago 4, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALLOYS, ABRASION RESISTING

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Carboloy Dept, Gen Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Duraloy Co, Bridge St, Scottdale, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill

ALLOYS, ALUMINUM

Federated Metals Div, 120 Broadway, N Y 5
Revere Copper & Brass, 230 Park Ave, N Y
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

ALLOYS, ALUMINUM-BRONZE

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Federated Metals Div, 120 Broadway, N Y 5
Revere Copper & Brass, 230 Park Ave, N Y 17
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

ALLOYS, BERYLLIUM

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis

ALLOYS, BISMUTH

Federated Metals Div, 120 Broadway, N Y 5

ALLOYS, CHROMIUM

Carboloy Dept, General Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, COBALT

Carboloy Dept, General Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALLOYS, COPPER

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Federated Metals Div, 120 Broadway, N Y 5
Revere Copper & Brass, 230 Park Ave, N Y 17
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, FERRO

Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Lebanon Steel Foundry, Lebanon, Pa
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, FUSIBLE

Federated Metals Div, 120 Broadway, N Y 5
Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, HEAT RESISTING

Armco Steel Corp, 703 Curtis St, Middletown, Ohio
Carboloy Dept, General Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALLOYS, IMPACT RESISTING

Armco Steel Corp, 703 Curtis St, Middletown, Ohio
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Lebanon Steel Foundry, Lebanon, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Taylor Wharton Iron & Steel Co, Cincinnati, Ohio
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, LEAD

Federated Metals Div, 120 Broadway, N Y 5
Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Knapp Mills, 23-15 Borden Ave, L I C, N Y
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, MANGANESE

Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, MOLYBDENUM

Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S La Salle St, Chicago 4, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ALLOYS, NICKEL

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Lebanon Steel Foundry, Lebanon, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S La Salle St, Chicago 4, Ill
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

ALLOYS, NICKEL-CHROMIUM

Armco Steel Corp, 703 Curtis St, Middletown, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Carboloy Dept, General Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duraloy Co, Bridge St, Scottdale, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio

ALLOYS

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- *Titanium Aluminum
- Nickel Aluminum
- Chromium Aluminum
- Silicon Aluminum

COPPER ALLOYS
- *Manganese Copper
- *Silicon Copper
- *Chromium Copper
- Nickel Copper

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- Ferro Titanium
- Ferro Columbium
- Ferro Tungsten
- Ferro Vanadium

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- *Chromium
- Tin
- Lead
- Zinc
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Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S La Salle St, Chicago 4, Ill
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Worthington Corp, Worthington Ave, Harrison, N J

ALLOYS, PRECIOUS METAL

Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Handy & Harman, 82 Fulton St, N Y 38
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass

ALLOYS, SILVER

Handy & Harman, 82 Fulton St, N Y 38

ALLOYS, STAINLESS STEEL

Armco Steel Corp, 703 Curtis St, Middletown, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
G O Carlson, Thorndale, Pa
Cooper Alloy Foundry Co, Hillside, N J
Duraloy Co, Bridge St, Scottdale, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

ALLOYS, TIN

Federated Metals Div, 120 Broadway, N Y 5
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, TUNGSTEN

Carboloy Dept, General Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Coast Metals, 201 Redneck Ave, PO Box 7, Little Ferry, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

ALLOYS, ZINC

Federated Metals Div, 120 Broadway, N Y 5
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Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind

AMMONIA DISSOCIATORS

Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ANODES, BRASS

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Federated Metals Div, 120 Broadway, N Y 5
Hanson-Van Winkle-Munning Co, Matawan, N J
Revere Copper & Brass, 230 Park Ave, N Y 17

ANODES, BRONZE

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Federated Metals Div, 120 Broadway, N Y 5
Hanson-Van Winkle-Munning Co, Matawan, N J
Revere Copper & Brass, 230 Park Ave, N Y 17

ANODES, CADMIUM

*E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Federated Metals Div, 120 Broadway, N Y 5
Hanson-Van Winkle-Munning Co, Matawan, N J

ANODES, COPPER

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Federated Metals Div, 120 Broadway, N Y 5
Hanson-Van Winkle-Munning Co, Matawan, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
United Chromium, 100 E 42 St, N Y 17

ANODES, LEAD

Federated Metals Div, 120 Broadway, N Y 5
Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
United Chromium, 100 E 42 St, N Y 17
United States Stoneware Co, 60 E 42 St, N Y 17

ANODES, METAL AND ALLOY

Duriron Co, 425 N Findly St, Dayton 1, Ohio
Federated Metals Div, 120 Broadway, N Y 5
Revere Copper & Brass, 230 Park Ave, N Y 17

ANODES, NICKEL

Hanson-Van Winkle-Munning Co, Matawan, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

ANODES, PLATINUM

Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill

ANODES, SILVER

Goldsmith Bros Smelting & Refining Co, 111 N Wabash Ave, Chicago 2, Ill
Handy & Harman, 82 Fulton St, N Y 38
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio

ANODES, TIN

Federated Metals Div, 120 Broadway, N Y 5
Hanson-Van Winkle-Munning Co, Matawan, N J
Harshaw Chem Co, 1945 E 97 St, Cleveland 6, Ohio
Metal & Thermit Corp, 100 E 42 St, N Y 17

APPARATUS, X-RAY DIFFRACTION

General Elec Co, X-Ray Dept, 4855 Electric Ave, Milwaukee 1, Wis
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Knapp Mills, 23-5 Borden Ave, L I C, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

APRONS, RUBBER, PLASTIC, LABORATORY, NEOPRENE

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
Pelamay Products, 112 4 Ave, N Y 3
Protective Lining Corp, 149 Waverly Pl, N Y 14
H M Sawyer & Son Co, 20 Thorndike St, Cambridge 41, Mass
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo

ASBESTOS, FILTERING

Alsop Engrg Corp, 530 Center St, Milldale, Conn
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill

Gatke Corp, 228 N LaSalle St, Chicago 1, Ill
Greene, Tweed & Co, N Wales, Pa
F R Hormann & Co, 17 Stone St, Newark 4, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
William W Stanley Co, 401 Broadway, N Y

ASBESTOS, MOLDED

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Greene, Tweed & Co, N Wales, Pa
Pabco Products, 475 Brannan St, San Francisco 19, Pa
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ASH HANDLING SYSTEMS

Airborne Conveyors Corp, 99 Hudson St, N Y 13
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robbins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Multi-Clean Products, 2277 Ford Pkwy, St Paul 1, Minn
Neff & Fry Co, 150 S Main St, Camden, Ohio
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

AUTOCLAVES, HIGH PRESSURE

Autoclave Engrs, 860 E 19 St, Erie, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Chemtech Products Corp, 62 William St, N Y 5
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Parr Instrument Co, 211 53 St, Moline, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

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Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
American Sterilizer Co, 12 & Plum Sts, Erie, Pa
Autoclave Engrs, 860 E 19 St, Erie, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Div, 620 4 Av S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

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Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
American Sterilizer Co, 12 & Plum Sts, Erie, Pa
Autoclave Engrs, 860 E 19 St, Erie, Pa
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Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemtech Products Corp, 62 William St, N Y 5
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

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Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Bemis Bro Bag Co, 111-N 4 St, St Louis 2, Mo
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
Dave Fischbein Co, 38 Glenwood Ave, Minneapolis 3, Minn
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St Regis Paper Co, 230 Park Ave, N Y 17

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Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga

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Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
William W Stanley Co, 401 Broadway, N Y

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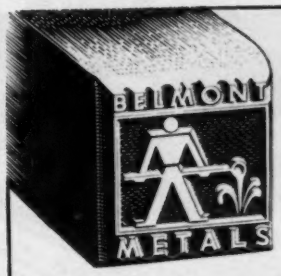
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Bemis Bro Bag Co, 111-N 4 St, St Louis 2, Mo
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Elmco Corp, 640 S West St, Salt Lake City, Utah
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Independent Filter Press Co, 240 48 St, Bklyn 20, N Y
National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
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Gilman Paper Co, 630 5 Ave, N Y 20
Hammond Bag & Paper Co, Box 430, Wellsburg, W Va
Hudson Pulp & Paper Corp, 505 Park Ave, N Y
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Kraft Bag Corp, 630 5 Ave, N Y 20
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Continental Can Co, 100 E 42 St, N Y 17
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Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
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Hammond Bag & Paper Co, Box 430, Wellsburg, W Va
Hudson Pulp & Paper Corp, 505 Park Ave, N Y
International Paper Co, Bagpak Div, 220 E 42 St, N Y 17
Kraft Bag Corp, 630 5 Ave, N Y 20
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St Regis Paper Co, 230 Park Ave, N Y 17
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Cincinnati Industries, 306 Carthage Ave, Lockland, Cinnati 15, Ohio
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Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
Hammond Bag & Paper Co, Box 430, Wellsburg, W Va
Hudson Pulp & Paper Corp, 505 Park Ave, N Y
International Paper Co, Bagpak Div, 220 E 42 St, N Y 17
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Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
Protective Lining Corp, 149 Waverly Pl, N Y 14
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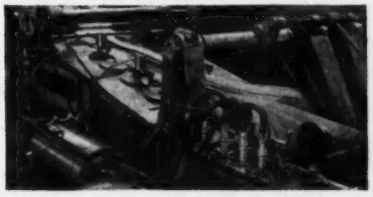
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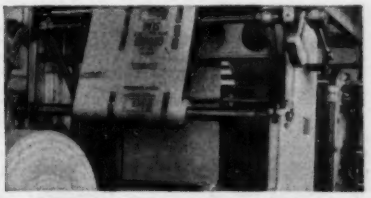
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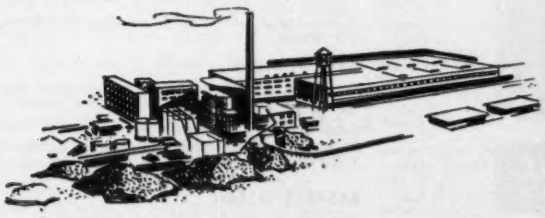


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Gilman Paper Co, 630 5 Ave, N Y 20
Hudson Pulp & Paper Corp, 505 Park Ave, N Y
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Traylor Engrg & Mfg Co, Allentown, Pa
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Taglabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

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Kennedy Car Liner & Bag Co, Shelbyville, Ind
Pelamay Products, 112 4 Ave, N Y 3
Petra Mfg Co 1335 N Wells St, Chicago 10, Ill
Protective Lin..g Corp, 149 Waverly Pl, N Y 14
Traver Corp, 358-368 W Ontario St, Chicago 10, Ill

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Enzinger Union Corp, Hardpan Rd, Angola, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
West Bend Equipment Corp, P O Box 246-D, W Bend, Wisconsin

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Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Canton Containers, 1101 9 St S E, Canton, Ohio
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Cincinnati Industries, 306 Carthage Ave, Lockland, Cincinnati 15, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
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Pelamay Products, 112 4 Ave, N Y 3
Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
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United States Rubber Co, 1230 Ave of the Americas, N Y 20

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Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20

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Associated Cooperage Industries of America, 408 Olive St, St Louis 2, Mo
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Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
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Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
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Laboratory Equipment Corp, St Joseph, Mich
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill

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L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

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Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

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Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
Timken Roller Bearing Co, Canton 6, Ohio
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Gatke Corp, 228 N LaSalle St, Chicago 1, Ill
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y

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Bristol Co, Waterbury 20, Conn
Croll Reynolds Co, 17 John St, N Y 38
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Zallea Bros, Taylor & Locust Sts, Wilmington 99, Del

BELTING, CONVEYOR & ELEVATOR

Barber-Greene Co, 400 N Highland Ave, Aurora, Ill
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Wickwire Div, Sterling St, Clinton, Mass

BELTING, POWER TRANSMISSION

Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Republic Rubber Div, Albert St, Youngstown 1, Ohio
J E Rhoads & Sons, 35 N 6 St, Phila 6, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Worthington Corp, Worthington Ave, Harrison, N J

BELTS, CONVEYOR AND ELEVATOR

Barber-Greene Co, 400 N Highland Ave, Aurora, Ill
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Wickwire Div, Sterling St, Clinton, Mass

BELTS, RUBBER

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Co, P O Box 5270, Terminal Sta, Den-Sta, Denver 17, Col
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y

BELTS, V

Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Dodge Mfg Corp, Mishawaka, Ind
B F Goodrich Co, 500 S Main St, Akron, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Co, P O Box 5270, Terminal Sta, Denver 17, Col
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

BENDERS, TUBE

Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio

BINS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aurora Equipment Co, Equipto Div, 422 Cleveland Ave, Aurora, Ill
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Construction Machy Co, Box 120, Waterloo, Iowa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburgh Mfg Corp, Pittsburg, Kan
Neff & Fry Co, 150 S Main St, Camden, Ohio
Read Standard Corp, York, Pa
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Rd Machy Co, Kingston, N Y

BINS, STORAGE

Aurora Equipment Co, Equipto Div, 422 Cleveland Ave, Aurora, Ill
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Neff & Fry Co, 15 S Main St, Camden, Ohio
Read Standard Corp, York, Pa
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Universal Rd Machy Co, Kingston, N Y

BLOWERS, CENTRIFUGAL

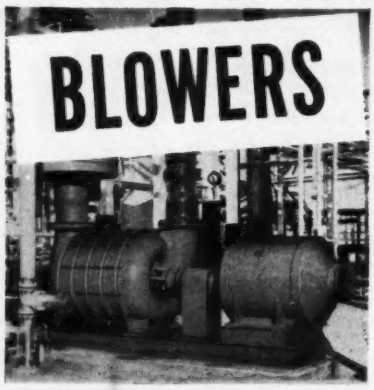
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
De Laval Steam Turbine Co, Trenton 2, N J
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Elliott Co, Jeannette, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Ingersoll Rand Co, 11 Broadway, N Y 4
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Lamson Corp, Syracuse 1, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Trane Co, 3 & Cameron, La Crosse, Wis
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

BLOWERS, LABORATORY

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa

BLOWERS, PORTABLE

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Martindale Elec Co, 1375 Hird Ave, Cleveland 7, Ohio
Multi-Clean Products, 2277 Ford Pkwy, St Paul 1, Minn
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa



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De Laval Steam Turbine Co, Trenton 2, N J
Elliott Co, Jeannette, Pa
Ingersoll-Rand Co, 11 Broadway, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Flexoid Products, 170 Summer St, Boston 10, Mass
Foster Wheeler Corp, 165 Broadway, N Y 6
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Ingersoll Rand Co, 11 Broadway, N Y 4
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Mears Kane Ofeldt, P O Box 223, Bridgeport, Pa
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Proportioneers Inc, 345 Harris Ave, Providence 9, R I
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

BOILERS, FIRE TUBE

Ames Iron Works, Oswego, N Y
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Cyclotherm Div, 157 E 1 St, Oswego, N Y
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Mears Kane Ofeldt, P O Box 223, Bridgeport, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Orr & Sembower, Morgantown Rd, Reading, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky

BOILERS, HIGH PRESSURE

Ames Iron Works, Oswego, N Y
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cyclotherm Div, 157 E 1 St, Oswego, N Y
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Mears Kane Ofeldt, P O Box 223, Bridgeport, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Superior Combustion Industries, 1475 Broadway, N Y 18
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky

BOILERS, WASTE HEAT

American Locomotive Co, 30 Church St, N Y 5
Ames Iron Works, Oswego, N Y
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Downingtown Iron Works Ind, Downingtown, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Lummus Co, 385 Madison Ave, N Y 17
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Sims Co, 1402 E 18 St, Erie, Pa
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

BOILERS, WATER TUBE

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Foster Wheeler Corp, 165 Broadway, N Y 6
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Superior Combustion Industries, 1475 Broadway, N Y 18
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky

BOMBS, OXYGEN

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Autoclave Engrs, 860 E 19 St, Erie, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
A B Murray Co, 649 Green Lane, Elizabeth, N J
Parr Instrument Co, 211 53 St, Moline, Ill

BOOSTERS

Beach-Russ Co, 50 Church St, N Y 7
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa

BOOSTERS, PRESSURE

Beach-Russ Co, 50 Church St, N Y 7
Black, Sivalls, & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Chemtech Products Corp, 62 William St, N Y 5
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa

BOTTLE CAPPING MACHINES

Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Crown Cork & Seal Co, Eastern Ave & Kresson Sts, Baltimore, Md
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
Scientific Filter Co, 76 Rose St, N Y 38
Tite-Cap Mach Co, 57 Rose St, N Y 38

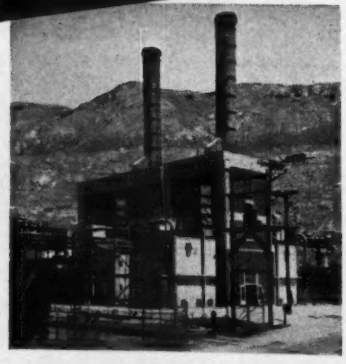
BOTTLE FILLING MACHINES

Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Arthur Colton Co, 3400 E Lafayette Ave, Detroit 7, Mich
Crown Cork & Seal Co, Eastern Ave & Kresson Sts, Baltimore, Md
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Frazier & Son, 338 Cortlandt St, Belleville, N J
F R Hormann & Co, 17 Stone St, Newark 4, N J
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
MRM Co, 191-3 Berry St, Bklyn 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Scientific Filter Co, 76 Rose St, N Y 38
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

BOTTLE SHAKING MACHINES

Fisher Scientific Co, 717 Forbes St, Pittsburgh 18, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill

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Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Corning Glass Works, Corning, N Y
Gayner Glass Wks, Salem, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

BOTTLES, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
United States Rubber Co, 1230 Ave of the Americas, N Y 20

BOTTLES, PLASTIC

Delaware Barrel & Drum Co, Eden Park Gardens, Wilmington, Del
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Imco Container Corp, 75 & Cleveland Sts, Kansas City, Mo
Injection Molding Co, 75 & Cleveland Sts, Kansas City, Mo
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Plax Corp, P O Box 1019, Hartford, Conn

BOTTLES, WOULFF

General Ceramics & Steatite Corp, Keasbey, N J
Emil Greiner Co, 20-26 N Moore St, N Y 13
Maurice A Knight, P O Box 111, Akron 6, Ohio
Scientific Glass Apparaus Co, 100 Lakewood Terrace, Bloomfield, N J

BOXES, CARBURIZING

Driver-Harris Co, 201 Middlesex St, Harrison, N J
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind

BOXES, FIBRE

Fort Wayne Corrugated Paper Co, 130 E Douglas Ave, Fort Wayne 1, Ind
Robert Gair Co, 155 E 44 St, N Y 17
Gaylord Container Corp, 111 N 4 St, St Louis 2, Mo

BOXES, METAL

Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Aurora Equipment Co, Equipto Div, 422 Cleveland Ave, Aurora, Ill
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

BOXES, SHIPPING

Fort Wayne Corrugated Paper Co, 130 E Douglas Ave, Fort Wayne 1, Ind
Robert Gair Co, 155 E 44 St, N Y 17
Gaylord Container Corp, 111 N 4 St, St Louis 2, Mo
Hinde & Dauche Paper Co, 407 Decatur St, Sandusky, Ohio
National Box & Lumber Co, 222 Pacific St, Newark 5, N J
Owens-Illinois Co, Toledo 1, Ohio
Pekin Wood Products Co, Helena, Ark
Union Bag & Paper Corp, 233 Broadway, N Y 7

BRAKES, MAGNETIC

Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Dings Magnetic Separator Co, 4740 W Electric Ave, Milwaukee 46, Wis
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

BRASS (INGOTS, SHAPES)

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Federated Metals Div, 120 Broadway, N Y 5
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

BREAKERS, CIRCUIT

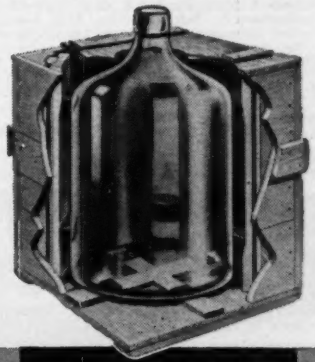
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Crouse-Hinds Co, Wolf & 7 North Sts, Syracuse 1, N Y
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Phila 30, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Pittsburgh Lectrodryer Corp, P O Box 1766, Pittsburgh 30, Pa
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal

BRICK, ACID RESISTING

Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Ceilcote Co, 4832 Ridge Rd, Cleveland, Ohio
Hanley Co, 101 Park Ave, N Y 17, N Y
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
United States Stoneware Co, 60 E 42 St, N Y 17

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Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Ceilcote Co, 4832 Ridge Rd, Cleveland, Ohio
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
National Carbon Co Div, 30 E 42 St, N Y 17

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Carborundum Co, Refractories Div, Perth Amboy, N J
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Johns-Manville, 22 E 40 St, N Y 16
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio

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Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
United States Stoneware Co, 60 E 42 St, N Y 17

BRICK, REFRACTORY

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Carborundum Co, Refractories Div, Perth Amboy, N J
Corhart Refractories Co, 1660 W Lee St, Louisville 10, Ky
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Johns-Manville, 22 E 40 St, N Y 16
Kaiser Aluminum & Chem Sales, 1924 Broadway, Oakland 12, Cal
National Carbon Co Div, 30 E 42 St, N Y 17
North American Refractories Co, 1012 National City E 6 St Bldg, Cleveland 14, Ohio
Norton Co, 1 New Bond St, Worcester 6, Mass
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio

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Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio

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Carborundum Co, Refractories Div, Perth Amboy, N J
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
Norton Co, 1 New Bond St, Worcester 6, Mass

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Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Industrial Instruments, 89 Commerce Rd, Cedar Grove, N J

BRONZE, ACID-RESISTING (BARS, RODS, SHEETS, ETC.)

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio

BRUSHES, ELECTRIC GENERATOR

Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y
Ray Miller Inc, 252 N 10 St, Newark, N J
National Carbon Co Div, 30 E 42 St, N Y 17
Speer Carbon Co, St Marys, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

BRUSHES, ELECTRIC MOTOR

Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
Speer Carbon Co, St Marys, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

BUCKETS, ACID-RESISTING

American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y

BUCKETS, CLAMSHELL

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa

BUCKETS, DRAGLINE

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Traylor Engrg & Mfg Co, Allentown, Pa

BUCKETS, ELEVATOR AND CONVEYOR

V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Counsel Mach Co, 8 Hathaway St, Wallington, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Frazier & Son, 338 Cortlandt St, Belleville, N J
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Paterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Read Standard Corp, York, Pa
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Universal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

BUCKETS, SKIP HOIST

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

BURETTES, AUTOMATIC

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

BURNERS, GAS

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Engineer Co, 75 West St, N Y 6
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Mid-Continent Metal Products Co, 1960 N Clybourn Ave, Chicago 14, Ill
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Orr & Sembower, Morgantown Rd, Reading, Pa
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
Superior Combustion Industries, 1475 Broadway, N Y 18
Surface Combustion Corp, Toledo 1, Ohio
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

BURNERS, LABORATORY

Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

BURNERS, OIL

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Engineer Co, 75 West St, N Y 6
Esso Standard Oil Co, 15 W 51 St, N Y 19
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Gilbert & Barker Mfg Co, W Springfield, Mass
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Orr & Sembower, Morgantown Rd, Reading, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Surface Combustion Corp, Toledo 1, Ohio

BURNERS, OIL AND GAS COMBINATION

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Engineer Co, 75 West St, N Y 6
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Orr & Sembower, Morgantown Rd, Reading, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Superior Combustion Industries, 1475 Broadway, N Y 18
Surface Combustion Corp, Toledo 1, Ohio

BURNERS, SULFUR

Emil Greiner Co, 20-26 N Moore St, N Y 13
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

BURNERS, TAR

Engineer Co, 75 West St, N Y 6
Gas Machy Co, 1130 Waterloo Rd, Cleveland 10, Ohio
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa

BUSHINGS

Amplex Mfg Co Sub, 6501 Harper Ave, Detroit 31, Mich
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind

CABINETS, DRYING

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Laboratory Furniture Co, P O Box 590, Mineola, N Y
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

CABINETS, FIRST AID

E D Bullard Co, 275 8 St, San Francisco 3, Cal
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Laboratory Furniture Co, P O Box 590, Mineola, N Y
Medical Supply Co, 1027 W State St, Dept C, Rockford, Ill
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa

CABINETS, INSTRUMENT

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Fairstrom Co, 9 Fairstrom Ct, Passaic, N J

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kewaunee Mfg Co, Adrian, Mich
Laboratory Furniture Co, P O Box 590, Mineola, N Y

CABINETS, LABORATORY

American Lab Furniture Co, 2121 W Kenmere Ave, Burbank, Cal
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kewaunee Mfg Co, Adrian, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Laboratory Furniture Co, P O Box 590, Mineola, N Y
Metalab Equipment Corp, Hicksville, L I, N Y

CABLE, ELECTRIC

Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
General Elec Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CALANDRIAS

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Brighton Copper Works, 820 State St, Cincinnati 4, Ohio
Downingtown Iron Works Ind, Downingtown, Pa
Henszey Co, Watertown, Wis
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Patterson-Kelley Co, E Stroudsburg, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster and Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

CALCINING EQUIPMENT

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

CALORIMETERS

American Meter Co, 1513 Race St, Phila 2, Pa
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
M R M Co, 191-3 Berry St, Bklyn 1, N Y
Parr Instrument Co, 211 53 St, Moline, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

CAN FILLING MACHINES

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Frazier & Son, 338 Cortlandt St, Belleville, N J
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
MRM Co, 191-3 Berry St, Bklyn 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Scientific Filter Co, 76 Rose St, N Y 38
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

CAN LABELING MACHINES

Scientific Filter Co, 76 Rose St, N Y 38

CANS, FIBRE & METAL COMPOSITE

American Can Co, 100 Park Ave, N Y 17
Cleveland Container Co, 6201 Barberton Ave, Cleveland 2, Ohio
R C Can Co, 9430 Page Blvd, St Louis, Mo
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

CANS, FIBRE AND PAPER

American Can Co, 100 Park Ave, N Y 17
Cleveland Container Co, 6201 Barberton Ave, Cleveland 2, Ohio
R C Can Co, 9430 Page Blvd, St Louis, Mo

CANS, LEAD

(see also ad on page 689)

Knapp Mills, 23-15 Borden Ave, L I C, N Y

CANS, SAFETY

Crown Can Co, H St & Erie Ave, Phila, Pa
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Witt Cornice Co, 2118 Winchell Ave, Cincinnati 14, Ohio

CANS, STEEL

(see also ad on page 689)

Acme Steel Drum Co, 560 Ferry St, Newark, N J
American Can Co, 100 Park Ave, N Y 17
Crown Can Co, H St & Erie Ave, Phila, Pa
Geuder, Paeshke & Frey Co, 324 N 15 St, Milwaukee 1, Wis
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill
Witt Cornice Co, 2118 Winchell Ave, Cincinnati 14, Ohio

CANS, TIN

(see also ad on page 689 and 697)

Acme Steel Drum Co, 560 Ferry St, Newark, N J
American Can Co, 100 Park Ave, N Y 17
Continental Can Co, 100 E 42 St, N Y 17
Crown Can Co, H St & Erie Ave, Phila, Pa
Sherwin-Williams Co, 100 Park Ave, N Y 17
Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill

CAPPING MACHINERY

Anderson Bros Mfg Co, 1907 Kishwaukee St, Rockford, Ill
Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
Scientific Filter Co, 76 Rose St, N Y 38
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
Tite-Cap Mach Co, 57 Rose St, N Y 38

CAPS, BOTTLE

Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Continental Can Co, 100 E 42 St, N Y 17
Crown Cork & Seal Co, Eastern Ave & Kresson Sts, Baltimore, Md
Owens-Illinois Glass Co, Toledo 1, Ohio

CAPS AND SEALS, BOTTLE & METAL

Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Crown Cork & Seal Co, Eastern Ave & Kresson Sts, Baltimore, Md
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

CAPS AND SEALS, MOLDED

Anchor-Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio

CAR LOADERS, PORTABLE

Barber-Greene Co, 400 N Highland Ave, Aurora, Ill
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Frank G Hough Co, Libertyville, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

CAR SPOTTERS

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Frank G Hough Co, Libertyville, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CARBON (RODS, BLOCKS, PASTE, ETC.)

Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y
National Carbon Co Div, 30 E 42 St, N Y 17

CARBOY TILTING FRAMES

Economy Engrg Co, 4511 W Lake St, Chicago 24, Ill
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

CARBOYS, GLASS

Corning Glass Works, Corning, N Y
Gayner Glass Works, Salem, N J
National Box & Lumber Co, 222 Pacific St, Newark 5, N J
Owens-Illinois Glass Co, Toledo 1, Ohio

CARBOYS, STAINLESS STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Heintz Mfg Co, Front St & Olney Ave, Phila, Pa
Pressed Steel Tank Co, 1455 S 66 St, Milwaukee 14, Wis

CARTON HANDLING SYSTEMS

G W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
R A Jones & Co, P O Box 485, Cincinnati, Ohio
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill

CARTON SEALING MACHINES

Acme Steel Co, 2840 Archer Ave, Chicago 8, Ill
R A Jones & Co, P O Box 485, Cincinnati, Ohio
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

CARTONS, FOLDING

Robert Gair Co, 155 E 44 St, N Y 17
Gardner Board & Carton Co, Box 391, Middletown, Ohio

CASTINGS, ALLOY

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Coast Metals, 201 Redneck Ave, P O Box 7, Little Ferry, N J
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Lebanon Steel Foundry, Lebanon, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, ALUMINUM

Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
T Shriver & Co, 874 Hamilton St, Harrison, N J
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, BRASS

Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, BRONZE

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis



ALLOY CASTINGS. Parts for process equipment requiring high strength, and resistance to abrasion, corrosion and oxidation are made in a wide variety of shapes and analyses in B&W's foundry.

THE BABCOCK & WILCOX CO.
161 East 42nd St., New York 17, N.Y.

BABCOCK & WILCOX

AS—302

CASTINGS, BRONZE continued

General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
T Shriver & Co, 874 Hamilton St, Harrison, N J
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, CHROMIUM STEEL

Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 2, Mich
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis

CASTINGS, IRON

ACCO Casting Div, American Chain & Cable Co, Reading, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd 5 E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chain Belt Co, Milwaukee 1, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Hardinge Co, 240 Arch St, York, Pa
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
T Shriver & Co, 874 Hamilton St, Harrison, N J
M H Treadwell Co, 140 Cedar St, N Y 6
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CASTINGS, LEAD

General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
T Shriver & Co, 874 Hamilton St, Harrison, N J

CASTINGS, MANGANESE STEEL

Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

CASTINGS, NICKEL

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis

CASTINGS, NICKEL ALLOY

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Lebanon Steel Foundry, Lebanon, Pa
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, SEMI-STEEL

ACCO Casting Div, American Chain & Cable Co, Reading, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis

CASTINGS, STAINLESS

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Duraloy Co, Bridge St, Scottdale, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis
Waukesha Foundry Co, Waukesha, Wis

CASTINGS, STEEL

ACCO Casting Div, American Chain & Cable Co, Reading, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Crucible Steel Co of America, 405 Lexington Ave, N Y 17
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Lebanon Steel Foundry, Lebanon, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Sivyer Steel Casting Co, 1675 S 43 St, Milwaukee 46, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

CELLS, ABSORPTION

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa

CELLS, CONDUCTIVITY

Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J

CELLS, ELECTROLYTIC

Chemical Construction Corp, 488 Madison Ave, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

CELLS, FLOTATION

Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Denver Equipment Co, 1400 17 St, Denver, Col
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col

CELLS, PHOTOELECTRIC

General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

CELLS, SALT BRINE ELECTROLYSIS

Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6

CENTRIFUGAL DUST COLLECTORS

Airborne Conveyors Corp, 99 Hudson St, N Y 13
American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Lamson Corp, Syracuse 1, N Y
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Schultz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
William W Stanley Co, 401 Broadway, N Y
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

CENTRIFUGES, AUTOMATIC

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

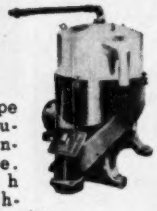
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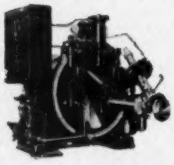
High centrifugal force, continuous centrifuge. Tubular Bowl. An extremely efficient separator and clarifier.

D-2 CENTRIFUGE



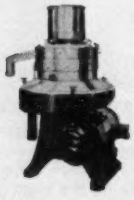
Disc type continuous centrifuge. High throughput capacity.

SUPER-D-HYDRATOR



Recovers crystalline solids from liquids. Handles slurries with 15 to 60% solids.

NOZLJECTOR



Disc type. Clarifier or Separator with continuous solids discharge.

SUPER-D-CANTER

Removes solids from liquids... Clarifies liquids... Classifies solids.



DV-2 CENTRIFUGE

Clarifier or Separator. Handles solids ranging from firm to slimes and sludges... with continuous solids discharge.



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Cosmetics
Dessert Toppings
Drugs
Enamels and Lacquers
Fertilizer Sprays
Fire Extinguishers
Fumigants
Fungicides
Golf Ball Sprays
Gun Oils
Hair Dressings
Hosiery Savers
Lotions
Mold Lubricants
Moth Proofers
Perfumes, Colognes
Pharmaceuticals
Polishes
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Rug and Upholstery Cleaners
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CENTRIFUGES, BASKET

Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

CENTRIFUGES, CLARIFYING

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

CENTRIFUGES, CONTINUOUS

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill

CENTRIFUGES, DISK

Cornell Mach Co, 99 Wall St, N Y 5
De Laval Separator Co, Poughkeepsie, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa

CENTRIFUGES, HIGH-SPEED

De Laval Separator Co, Poughkeepsie, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Specialized Instruments Corp, 601 O'Neill Ave, Belmont, Cal
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

CENTRIFUGES, LABORATORY

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Arthur S La Pine & Co, 6001 Knox Ave, Chicago 29, Ill
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill

CENTRIFUGES, MICRO-CHEMICAL

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa

CENTRIFUGES, LEAD-LINED

Bird Mach Co, S Walpole, Mass
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Tolhurst Centrifugals Div, E Moline, Ill

CENTRIFUGES, REFRIGERATED

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa

CENTRIFUGES, RUBBER-LINED

Automotive Rubber Co, 8601 Epworth Blvd, Detroit, Mich
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
International Equipment Co, 1284 Soldiers Field Rd, Boston 35, Mass
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

CENTRIFUGES, SELF-DISCHARGING

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Sharples Corp, 2300 Westmoreland St, Phila 40, Pa
Tolhurst Centrifugals Div, E Moline, Ill
Western States Mach Co, 1798 Fairgrove Ave, Hamilton, Ohio

CERAMIC MATERIALS

Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Exolon Co, Tonawanda, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Laboratory Equipment Corp, St Joseph, Mich
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ind
United States Stoneware Co, 60 E 42 St, N Y 17

CHAINS, ALLOY

American Chain Div, American Chain & Cable Co, York, Pa
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
W S Rockwell Co, 200 Eliot St, Fairfield, Conn

CHAINS, CONVEYOR

American Chain Div, American Chain & Cable Co, York, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CHAINS, IRON AND STEEL

American Chain Div, American Chain & Cable Co, York, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont-Birch Co, 1505 Race St, Phila 2, Pa
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CHAINS, POWER TRANSMISSION

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Shephens-Adamson Mfg Co, Ridegway Ave, Aurora, Ill
Universal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CHAINS, ROLLER

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Universal Rd Machy Co, Kingston, N Y

CHAINS, SILENT

Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

CHEMICAL PROCESS EQUIPMENT

American Hard Rubber Co, 93 Worth St, N Y 13
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Baker Perkins, 1000 Hess St, Saginaw, Mich
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Corning Glass Works, Corning, N Y
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Delanium Carbon Corp, 18 E 48 St, N Y 17
Dorr Co Engrs, Barry Pl, Stamford, Conn
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Schauring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Fischer & Porter Co, Warminster Rd, Hatboro, Pa
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hardinge Co, 240 Arch St, York, Pa
Hays Corp, E 8 St, Michigan City, Ind
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
MRM Co, 191-3 Berry St, Bklyn 11, N Y
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

Looking for nearest branch office: See Catalog Section

Patterson-Kelley Co, E Stroudsburg, Pa
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa
Vulcan Mfg Co, 120 Sycamore St, Cincinnati 8, Ohio
Welsbach Corp, 1500 Walnut St, Phila 2, Pa
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill
Wyssmont Co, 31-04F Northern Blvd, L I ' ., N Y

CHILLING ROLLS

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

CHLORINATING EQUIPMENT

Builders-Providence, 345 Harris Ave, Providence, R I
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Fischer & Porter Co, Warminster Rd, Hatboro, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Ruckels Potteries, 234 Worcester St, White Hall, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Wallace & Tiernan Co, Box 178, Newark, N J

CHLORINE CONTROL APPARATUS

Builders-Providence, 345 Harris Ave, Providence, R I
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Fischer & Porter Co, Warminster Rd, Hatboro, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hellige. Inc, 877 Stewart Ave, Garden City, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md
M H Treadwell Co, 140 Cedar St, N Y 6
Wallace & Tiernan Co, Box 178, Newark, N J

CLARIFIERS, ENAMEL, SHELLAC

De Laval Separator Co, Poughkeepsie, N Y
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Johns-Manville, 22 E 40 St, N Y 16
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
T Shriver & Co, 874 Hamilton St, Harrison, N J

CLARIFIERS, SEWAGE AND INDUSTRIAL WASTE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Patterson 3, N J
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Chain Belt Co, Milwaukee 1, Wis
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
De Laval Separator Co, Poughkeepsie, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, Barry Pl, Stamford, Conn
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Komline-Sanderson Engrg Corp, Peapack, N J
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill

CLARIFIERS, SUGAR

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Dorr Co Engrs, Barry Pl, Stamford, Conn
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Johns-Manville, 22 E 40 St, N Y 16
Merco Centrifugal Co, 150 Green St, San Francisco, Cal

CLARIFIERS, TANK-TYPE

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Dorr Co Engrs, Barry Pl, Stamford, Conn
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio

CLARIFIERS, WATER

Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Johns-Manville, 22 E 40 St, N Y 16
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Permutit Co, 330 W 42 St, N Y 36
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Walker Process Equipment Inc, 840 Russell Ave, Aurora, Ill

CLASSIFIERS

Bird Mach Co, S Walpole, Mass
Clarkson Co, 564 Market St, San Francisco 4, Cal
Deister Mach Co, 1933 E Wayne St, Ft Wayne 4, Ind
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Oliver United Filters, 33 W 42 St, N Y 36
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Walker Process Equipment, 840 Russell Ave, Aurora, Ill

CLASSIFIERS, LABORATORY

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, Barry Pl, Stamford, Conn
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill

CLEANERS, AIR

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
W W Sly Mfg Co, 4700 Train Ave, Cleveland 2, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Otto H York Co, 69 Glenwood Pl, E Orange, N J

CLEANERS, GAS

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Fluor Corp, 2500 S Atlantic Blvd, Los Angeles 22, Cal
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
Podbielniak Inc, 341 E Ohio St, Chicago 11, Ill
Otto H York Co, 69 Glenwood Pl, E Orange, N J

CLEANERS, METAL

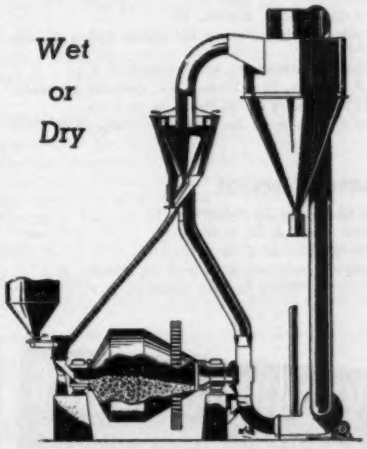
Bethlehem Apparatus Co, 821 Front St, Hellertown, Pa
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
E I du Pont de Nemours & Co, Electrochem Dept, Du Pont Bldg, Wilmington 98, Del
Hanson-Van Winkle-Munning Co, Matawan, N J
Turco Products, 6135 S Central Ave, Los Angeles 1, Cal

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Clayton Mfg Co, P O Box 550, El Monte, Cal
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Turco Products, 6135 S Central Ave, Los Angeles 1, Cal
Otto H York Co, 69 Glenwood Pl, E Orange, N J

CLASSIFICATION

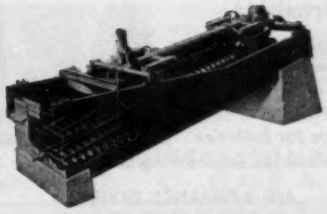
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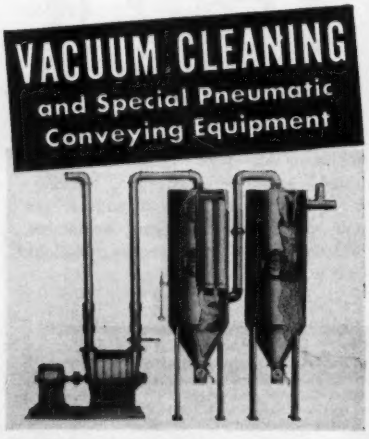
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Rieke Metal Products Corp, Auburn, Ind

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National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
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H M Sawyer & Son Co, 20 Thorndike St, Cambridge, Mass
R Sperry & Co, Batavia, Ill
tandard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
William W Stanley Co, 401 Broadway, N Y
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wellington Sears Co, 65 Worth St, N Y 13
Otto H York Co, 69 Glenwood Pl, E Orange, N J

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Grenne, Tweed & Co, N Wales, Pa
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Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Cleveland Wire Cloth & Mfg Co, 3573 E 78 St, Cleveland 5, Ohio
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Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
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Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
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Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
Twin Disc Clutch Co, 1328 Racine St, Racine, Wis

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Webster Mfg, 1175 W Hall St, Tiffin, Ohio

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DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
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Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Mercer-Robinson Co, 30 Church St, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Omega Mach Co, 345 Harris Ave, Providence, R I
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Research Corp, Bound Brook, N J
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Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio
Conn
William W Stanley Co, 401 Broadway, N Y
Spencer Turbine Co, 486 New Park Ave, Hartford 6,
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Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Research Corp, Bound Brook, N J
William W Stanley Co, 401 Broadway, N Y
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C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
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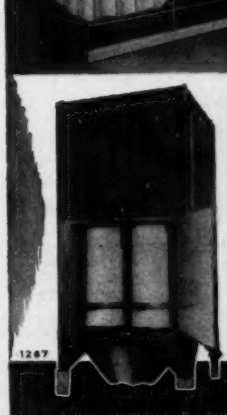
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Beckman Instruments, S Pasadena 61, Cal
Coleman Instruments, 318 Madison St, Maywood, Ill
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Hellige Inc, 877 Stewart Ave, Garden City, N Y
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Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz Inc, 468 4 Ave, N Y 16
Photovolt Corp, 95 Madison Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

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Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
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Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
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Pfaudler Co, 1000 West Ave, Rochester 3, N Y
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Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
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Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

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Downingtown Iron Works Ind, Downingtown, Pa
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Gilbert & Barker Mfg Co, W Springfield, Mass
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Emil Greiner Co, 20-26 N Moore St, N Y 13
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Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
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Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
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Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
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Corning Glass Works, Corning, N Y
Downingtown Iron Works, Ind, Downingtown, Pa
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Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
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Heilman Boiler Works, 128 Linden St, Allentown, Pa
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Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, P O Box 350, Akron, Ohio
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wakefield Industries, 5108 W Grove St, Skokie, Ill
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

COLUMNS, EXTRACTION

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Corning Glass Works, Corning, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hammond Iron Works, Warren, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

COLUMNS, PACKED

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Corning Glass Works, Corning, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Schauring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Ruckels Potteries, 234 Worcester Rd, White Hall, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, 60 E 42 St, N Y 17
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Otto H York Co, 69 Glenwood Pl, E Orange, N J

COMBUSTION CONTROL SYSTEMS

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
A W Cash Co, 540 N 18 St, Decatur, Ill
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Engineer Co, 75 West St, N Y 6
Foster Wheeler Corp, 165 Broadway, N Y 6
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hays Corp, E 8 St, Michigan City, Ind
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

COMBUSTION TUBES

Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norton Co, 1 New Bond St, Worcester 6, Mass

COMPRESSORS, AIR

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Anderson Bros Mfg Co, 1907 Kishwaukee St, Rockford, Ill
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
Chemtech Products Corp, 62 William St, N Y 5
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Clark Bros Co, Olean, N Y
Cooper-Bessemer Corp, Mt Vernon, Ohio
Fuller Co, Catasauqua, Pa
Gardner Denver Co, Quincy, Ill
Gilbert & Barker Mfg Co, W Springfield, Mass
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Ingersoll-Rand Co, 11 Broadway, N Y
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Nash Engrg Co, S Norwalk, Conn
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Norwalk Co, P O Box 548, S Norwalk, Conn
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Read Standard Corp, 370 Lexington Ave, N Y 17
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Schramm Inc, W Chester, Pa
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

COMPRESSORS, AMMONIA

Clark Bros Co, Olean, N Y
Cooper-Bessemer Corp, Mt Vernon, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Fuller Co, Catasauqua, Pa
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Read Standard Corp, 370 Lexington Ave, N Y 17
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Worthington Corp, Worthington Ave, Harrison, N J

COMPRESSORS, CENTRIFUGAL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Clark Bros Co, Olean, N Y
De Laval Steam Turbine Co, Trenton 2, N J
Elliott Co, Jeannette, Pa
Ingersoll Rand Co, 11 Broadway, N Y 4
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Trane Co, 38 Cameron Ave, La Crosse, Wis
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

COMPRESSORS, GASES

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Autoclave Engrs, 860 E 19 St, Erie, Pa
Beach-Russ Co, 50 Church St, N Y 7
Chemtech Products Corp, 62 William St, N Y 5
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Clark Bros Co, Olean, N Y
Cooper-Bessemer Corp, Mt Vernon, Ohio
De Laval Steam Turbine Co, Trenton 2, N J
Gardner Denver Co, Quincy, Ill
Ingersoll-Rand Co, 11 Broadway, N Y
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Nash Engrg Co, S Norwalk, Conn
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Norwalk Co, P O Box 548, S Norwalk, Conn
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Read Standard Corp, 370 Lexington Ave, N Y 17
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Worthington Corp, Worthington Ave, Harrison, N J

COMPRESSORS, PORTABLE

Beach-Russ Co, 50 Church St, N Y 7
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Clark Bros Co, Olean, N Y
Gardner Denver Co, Quincy, Ill
Ingersoll-Rand Co, 11 Broadway, N Y
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Schramm Inc, W Chester, Pa
Worthington Corp, Worthington Ave, Harrison, N J

CONCENTRATORS, ACID

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Construction Corp, 488 Madison Ave, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

CONDENSATE RETURN SYSTEMS, HIGH PRESSURE

Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Worthington Corp, Worthington Ave, Harrison, N J

CONDENSERS, BAROMETRIC

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Croll Reynolds Co, 17 John St, N Y 38
Elliott Co, Jeannette, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Lummus Co, 385 Madison Ave, N Y 17
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Worthington Corp, Worthington Ave, Harrison, N J
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

CONDENSERS, COIL

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Corning Glass Works, Corning, N Y
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Enzinger Union Corp, Hardpan Rd, Angola, N Y
General Ceramics & Steatite Corp, Keasbey, N J
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
Patterson-Kelley Co, E Stroudsburg, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Trane Co, 38 Cameron Ave, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Young Radiator Co, 709 S Marquette St, Racine, Wis

CONDENSERS, FRACTIONAL

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Superior Combustion Industries, 1475 Broadway, N Y 18
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

CONDENSERS, NITRIC ACID

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Downingtown Iron Works Ind, Downingtown, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

CONDENSERS, REFLUX

American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Griscom-Russell Co, Massillon, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Superior Combustion Industries, 1475 Broadway, N Y 18
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

CONDENSERS, STEAM

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Locomotive Co, 30 Church St, N Y 8
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Elliott Co, Jeannette, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Foster Wheeler Corp, 165 Broadway, N Y 6
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Ingersoll-Rand Co, 11 Broadway, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

CONDENSERS, SURFACE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Andale Co, 1740 Cherry St, Phila 3, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Elliott Co, Jeannette, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Ingersoll-Rand Co, 11 Broadway, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sims Co, 1402 E 18 St, Erie, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Trane Co, 3 & Cameron Ave, La Crosse, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

CONDENSERS, TUBULAR

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Andale Co, 1740 Cherry St, Phila 3, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Corning Glass Works, Corning, N Y
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Delanium Carbon Corp, 18 E 48 St, N Y 17
Downingtown Iron Works Ind, Downingtown, Pa
Elliott Co, Jeannette, Pa
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Foster Wheeler Corp, 165 Broadway, N Y 6
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Griscom-Russell Co, Massillon, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron Ave, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J

CONDENSERS, VAPOR

American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Foster Wheeler Corp, 165 Broadway, N Y 6
Griscom-Russell Co, Massillon, Ohio
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Young Radiator Co, 709 S Marquette St, Racine, Wis

CONDUIT, ELECTRICAL

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
General Elec Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn
Johns-Manville, 22 E 40 St, N Y 16
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTACTORS, LIQUID-GAS

Maurice A Knight, P O Box 111, Akron 6, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

CONTAINERS, GLASS

Anchor Hocking Glass Corp, 230 Glass Ave, Lancaster, Ohio
Corning Glass Works, Corning, N Y
Gayner Glass Wks, Salem, N J
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

Looking for additional information: See Catalog Section

CONTAINERS, METAL

(see also ad on page 697)

Acme Steel Drum Co, 560 Ferry St, Newark, N J
Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
American Locomotive Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Continental Can Co, 100 E 42 St, N Y 17
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Delaware Barrel & Drum Co, Eden Park Gardens, Wilmington, Del
Dempster Bros, Springdale-Ave, Knoxville 17, Tenn
Grief Bros Cooperage Corp, P O Box 398, 175 E Hoffman Ave, Lindenhurst, N Y
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metal Glass Products Co, Belding, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Southline Metal Products Co, 2115 Sabine St, Houston 10, Tex
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20
Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill

CONTAINERS, PAPER

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Cleveland Container Co, 6201 Barberton Ave, Cleveland 2, Ohio
Continental Can Co, 100 E 42 St, N Y 17
Gaylord Container Corp, 111 N 4 St, St Louis 2, Mo
Grief Bros Cooperage Corp, P O Box 398, 175 E Hoffman Ave, Lindenhurst, N Y
Hinde & Dauch Paper Co, 407 Decatur St, Sandusky, Ohio
Kelding Paper Products Co, 3048 N 34 St, Milwaukee 10, Wis
Kennedy Car Liner & Bag Co, Shelbyville, Ind

CONTAINERS, POLYETHYLENE

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Bethlehem Apparatus Co, 831 Front St, Hellertown, Pa
Delaware Barrel & Drum Co, Eden Park Gardens, Wilmington, Del
Imco Container Corp, 75 & Cleveland Sts, Kansas City, Mo
Injection Molding Co, 75 & Cleveland Sts, Kansas City, Mo
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Pelamay Products, 112 4 Ave, N Y 3
Plax Corp, P O Box 1019, Hartford, Conn
Protective Lining Corp, 149 Waverly Pl, N Y 14
Steel City Mfg Co, 190 N Meridan Rd, Youngstown, Ohio
Traver Corp, 358-368 W Ontario St, Chicago 10, Ill

CONTROLS, AUTOMATIC CONCENTRATION

Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y

CONTROLS, CONDUCTIVITY

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J

CONTROLS, DENSITY

Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla
United Engrs, 824 E 6 St, Tulsa, Okla

CONTROLS, ELECTRICAL, AUTOMATIC

Allis-Chalmers Mfg Co, 1510 S 70 St, Milwaukee, Wis
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Barber Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Permutit Co, 330 W 42 St, N Y 36
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
Taco West Corp, 525 N Noble St, Chicago 22, Ill
United Engrs, 824 E 6 St, Tulsa Okla
United States Gauge Div, Clymer Ave, Sellersville, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

CONTROLS, ELECTRONIC

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electro-Physics Co, 287 Broadway, N Y 7
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 39 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Photoswitch Inc, 77 Broadway, Cambridge 42, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, FEED WATER

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Builders-Providence, Inc, 345 Harris Ave, Providence, R I
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Flexoid Products, 170 Summer St, Boston 10, Mass
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Hays Corp, E 8 St, Michigan City, Ind
Henszey Co, Watertown, Wis
D C Keckley Co, 400 W Madison St, Chicago 6, Ill
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio



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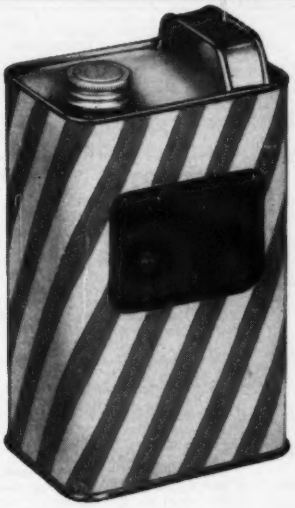
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Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
A W Cash Co, 540 N 18 St, Decatur, Ill
Fenwal, Inc, Pleasant St, Ashland, Mass
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Infilco Inc, Box 5033, Tucson, Ariz
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Jo-Bell Products, 4840 S St Louis Ave, Chicago 32, Ill
W A Kates Co, 430 Waukegan Rd, Deerfield, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc, % 345 Harris Ave, Providence 9, R I
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United Engrs, 824 E 6 St, Tulsa, Okla
United States Gauge Div, Clymer Ave, Sellersville, Pa

CONTROLS, FURNACE

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Hays Corp, E 8 St, Michigan City, Ind
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, HUMIDITY

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Sarco Co, 350 5 Ave, N Y 1
Taglialbue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

CONTROLS, HYDRAULIC

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Controls Co, Glendale, Cal
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Infilco Inc, Box 5033, Tucson, Ariz
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Meletron Corp, 950 N Highland Ave, Los Angeles 38, Cal
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo

CONTROLS, LIQUID LEVEL

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
American Meter Co, 1513 Race St, Phila 2, Pa
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Buffalovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Builders-Providence, 345 Harris Ave, Providence, R I
A W Cash Co, 540 N 18 St, Decatur, Ill
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Jo-Bell Products, 4840 S St Louis Ave, Chicago 32, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Photoswitch Inc, 77 Broadway, Cambridge 42, Mass
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Taglialbue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
United States Gauge Div, Clymer Ave, Sellersville, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, MOISTURE

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Grinnell Co, 260 W Exchange St, Providence 1, R I
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill

CONTROLS, MOTOR

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Arrow-Hart & Hegeman Elec Co, 103 Hawthorn St, Hartford 6, Conn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Belgian Elec Sales Corp, 1 E 53 St, N Y
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electric Machy Mfg Co, 800 Central Ave N E, Minneapolis 13, Minn
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Micro Switch Div, Freeport, Ill
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Revco, Inc, 2 E Franklin Ave, Minneapolis 4, Minn
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Sarco Co, 350 5 Ave, N Y 1
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, pH

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bristol Co, Waterbury 20, Conn
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Infilco, Inc, P O Box 5033, Tucson, Ariz
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa

CONTROLS, PRESSURE

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
American Meter Co, 1513 Race St, Phila 2, Pa
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
A W Cash Co, 540 N 18 St, Decatur, Ill
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Meletron Corp, 950 N Highland Ave, Los Angeles 38, Cal
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Taglabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

CONTROLS, PUMP

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hays Corp, E 8 St, Michigan City, Ind
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Meletron Corp, 950 N Highland Ave, Los Angeles 38, Cal
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, REMOTE

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electro-Physics Co, 287 Broadway, N Y 7
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 14, Ohio
Kieley & Mueller, 2013 43 St, N Bergen, N J
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Micro Switch Div, Freeport, Ill
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Ohio
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, SPEED

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Revco Inc, 2 E Franklin Ave, Minneapolis 4, Minn
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, SYSTEM, CONCENTRATION

Bristol Co, Waterbury 20, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill

CONTROLS, TEMPERATURE

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Electro-Physics Co, 287 Broadway, N Y 7
Farris Stacon Corp, 345 Commercial Ave, Palisades Park, N J
Fenwal Inc, Pleasant St, Ashland, Mass
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Leslie Co, Grant Ave, Lyndhurst, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn

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Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Sarco Co, 350 5 Ave, N Y 1
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Taco West Corp, 525 N Noble St, Chicago 22, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Weston Elecl Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

CONTROLS, TIME CYCLE

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Photoswitch, 77 Broadway, Cambridge 42, Mass
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

CONTROLS, VACUUM

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Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Distillation Products Industries Div, Rochester 3, N Y
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fulton Syphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Kieley & Mueller, 2013 43 St, N Bergen, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Meletron Corp, 950 N Highland Ave, Los Angeles 38, Cal
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CONTROLS, VISCOSITY

Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Norcross Corp, 247 Newtonville Ave, Newton 58, Mass
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

CONVEYORS, APRON

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburgh Mfg Corp, Pittsburg, Kan
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, BELT

Alvey Ferguson Co, 75 Isney St, Cincinnati 9, Ohio
Ashworth Bros, 306 Shrewsbury St, Worcester 4, Mass
Barber-Greene Co, 400 N Highland Ave, Aurora, Ill
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Belt Corp, 5314 Mill St, Orient, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Rapids-Standard Co, 130 Trowbridge N W, Grand Rapids 2, Mich
Read Standard Corp, York, Pa
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Scientific Filter Co, 76 Rose St, N Y 38
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn
William W Stanley Co, 401 Broadway, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tite-Cap Mach Co, 57 Rose St, N Y 38
United States Rubber Co, 1230 Ave of the Americas, N Y 20
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Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, BUCKET

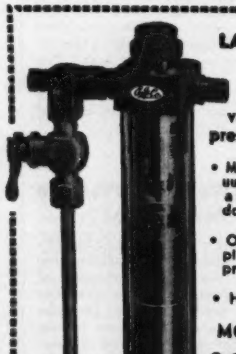
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Beaumont Birch Co, 1505 Race St, Phila 2, Pa
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
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Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippman Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Read Standard Corp, York, Pa
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
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Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Walker Process Equipment, 840 Russell Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CONVEYORS, FLEXIBLE

E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, FLIGHT

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Belt Corp, 5314 Mill St, Orient, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Honan-Crane Corp, Lebanon, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, HINGE-TYPE

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
Chain Belt Co, Milwaukee 1, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, MAGNETIC

J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis

CONVEYORS, OVERHEAD TRACK

E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis

CONVEYORS, PNEUMATIC

Airborne Conveyors Corp, 99 Hudson St, N Y 13
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Entoleter Div, P O Box 904, New Haven 4, Conn
Fuller Co, Catasauqua, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Lamson Corp, Syracuse 1, N Y
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Robinson Air-Activated Conveyor Systems Div, 205 E 42 St, N Y 17
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
United States Hoffman Machy Corp, 105 4 Ave, N Y 3

CONVEYORS, PORTABLE

Airborne Conveyors Corp, 99 Hudson St, N Y 13
Belt Corp, 5314 Mill St, Orient, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Honan-Crane Corp, Lebanon, Ind
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Lamson Corp, Syracuse 1, N Y
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Rapids-Standard Co, 130 Trowbridge N W, Grand Rapids 2, Mich
Scientific Filter Co, 76 Rose St, N Y 38
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn
Tite-Cap Mach Co, 57 Rose St, N Y 38

CONVEYORS, PULVERIZED MATERIAL

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Belt Corp, 5314 Mill St, Orient, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Fuller Co, Catasauqua, Pa
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Honan-Crane Corp, Lebanon, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Read Standard Corp, York, Pa
Robinson Air-Activated Conveyor Systems Div, 205 E 42 St, N Y 17
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CONVEYORS, ROLLER

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Lamson Corp, Syracuse 1, N Y
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Rapids-Standard Co, 130 Trowbridge N W, Grand Rapids 2, Mich
Rheem Mfg Co, 570 Lexington Ave, N Y 22
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn

CONVEYORS, ROTARY TABLE

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Scientific Filter Co, 76 Rose St, N Y 38
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Tite-Cap Mach Co, 57 Rose St, N Y 38

CONVEYORS, ROTARY TUBULAR

J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Honan-Crane Corp, Lebanon, Ind
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

CONVEYORS, SCREW

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Read Standard Corp, York, Pa
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CONVEYORS, SLAT

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Standard Conveyor Co, 315 N W 2 St, N St. Paul 9, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CONVEYORS, TRAY

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Standard Conveyor Co, 315 N W 2 St, N St Paul 9, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

CONVEYORS, TROLLEY

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis

CONVEYORS, UNIVERSAL CARRIER

E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

CONVEYORS, VIBRATING

Ajax Flexible Coupling Co, Westfield, N Y
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa

CONVEYORS, WASHING

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Detrex Corp, 14331 Woodrow Wilson, P O Box 501, Detroit 32, Mich
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Wickwire Div, Sterling St, Clinton, Mass

CONVEYORS, WEIGHING

Builders-Providence, 345 Harris Ave, Providence, R I
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lamson Corp, Syracuse 1, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Robinson Air-Activated Conveyor Systems Div, 205 E 42 St, N Y 17
Syntron Co, 422 Lexington Ave, Homer City, Pa
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
Wickwire Div, Sterling St, Clinton, Mass

COOKERS, PRESSURE

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

COOKERS, STEAM

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Chemicolloid Labs, 30 Church St, N Y 7
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rietz Mfg Co, 150 Todd Rd. Santa Rosa, Cal

COOKERS, STEAM AUTOCLAVE

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

COOLERS, ACID

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Corning Glass Works, Corning, N Y
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Downingtown Iron Works Ind, Downingtown, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heat-X-Changer Co, Brewster, N Y
M W Kellogg Co, 225 Broadway, N Y 7
Maurice A Knight, P O Box 111, Akron 6, Ohio
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
National Carbon Co Div, 30 E 42 St, N Y 17
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Superior Combustion Industries, 1475 Broadway, N Y 18
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, P O Box 350, Akron, Ohio
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

COOLERS, AIR

Aico Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Grinnell Co, 260 W Exchange St, Providence 1, R I
Griscom-Russell Co, Massillon, Ohio
Heat-X-Changer Co, Brewster, N Y
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

COOLERS, AIR QUENCHING

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Locomotive Co, 30 Church St, N Y 8
Brown Fintube Co, 300 Huron St, Elyria, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Fuller Co, Catasauqua, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

COOLERS, AMMONIA

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Downingtown Iron Works Ind, Downingtown, Pa
Enzinger Union Corp, Hardpan Rd, Angola, N Y
M W Kellogg Co, 225 Broadway, N Y 7
Lummus Co, 385 Madison Ave, N Y 17
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J

COOLERS, BRINE

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Andale Co, 1740 Cherry St, Phila 3, Pa
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Downingtown Iron Works Ind, Downingtown, Pa
Enzinger Union Corp, Hardpan Rd, Angola, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Griscom-Russell Co, Massillon, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Superior Combustion Industries, 1475 Broadway, N Y 18
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

COOLERS, CARBON DIOXIDE

American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
M W Kellogg Co, 225 Broadway, N Y 7
Lummus Co, 385 Madison Ave, N Y 17
Trane Co, 3 & Cameron Ave, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Young Radiator Co, 709 S Marquette St, Racine, Wis

COOLERS, ELECTRO VIBRATING

Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa

COOLERS, GAS

American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
Griscom-Russell Co, Massillon, Ohio
Heat-X-Changer Co, Brewster, N Y
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Young Radiator Co, 709 S Marquette St, Racine, Wis

COOLERS, GLASS

Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill

COOLERS, OIL

American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chrysler Corp, Airtemp Div, 1640 Webster St, P O Box 1037, Dayton 1, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Griscom-Russell Co, Massillon, Ohio
Harrison Radiator Div, Washburn & Walnut Sts, Lockport, N Y
Heat-X-Changer Co, Brewster, N Y
M W Kellogg Co, 225 Broadway, N Y 7
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

COOLERS, ROTARY

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Hardinge Co, 240 Arch St, York, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lukens Steel Co, Coatesville, Pa
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

COOLERS, WATER

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Griscom-Russell Co, Massillon, Ohio
Harrison Radiator Div, General Motors Corp, Washburn & Walnut Sts, Lockport, N Y
Heat-X-Changer Co, Brewster, N Y
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

COOLING TOWERS, SPRAY

Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Fluor Corp, 2500 S Atlantic Blvd, Los Angeles 22, Cal
Foster Wheeler Corp, 165 Broadway, N Y 6
General Ceramics & Steatite Corp, Keasbey, N J
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Lilie-Hoffmann Cooling Towers, 4239 Duncan Ave, St Louis 10, Mo
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Water Cooling Equipment Co, 8601 New Hampshire Ave, Affton Sta 23, Mo

COPPERSMITHS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

COUNTERS, ELECTRIC

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Metal Glass Products Co, Belding, Mich
Photoswitch Inc, 77 Broadway, Cambridge 42, Mass
Production Instrument Co, 710 W Jackson Blvd, Chicago 6, Ill
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

COUNTING MACHINES, REVOLUTION

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Metal Glass Products Co, Belding, Mich
Production Instrument Co, 710 W Jackson Blvd, Chicago 6, Ill

COUPLES, PYROMETER

Bristol Co, Waterbury 20, Conn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Taco West Corp, 525 N Noble St, Chicago 22, Ill

COUPLINGS, FLEXIBLE

Ajax Flexible Coupling Co, Westfield, N Y
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
American Flexible Coupling Co, 1801 Pittsburgh Ave, Erie 1, Pa
Chain Belt Co, Milwaukee 1, Wis
Crocker Wheeler Div, Ampere, N J
De Laval Steam Turbine Co, Trenton 2, N J
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Dodge Mfg Corp, Mishawaka, Ind
Elliott Co, Jeannette, Pa
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lovejoy Flexible Coupling Co, 4949 W Lake St, Chicago 44, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Philadelphia Gear Works, Erie Ave at G St, Phila 24, Pa
Thomas Flexible Coupling Co, Main Ave & Biddle St, Warren, Pa
Twin Disc Clutch Co, 1328 Racine St, Racine, Wis
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

COUPLINGS, RIGID

Dodge Mfg Corp, Mishawaka, Ind
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Walworth Co, 60 E 42 St, N Y 17
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

COUPLINGS, SHAFT

American Flexible Coupling Co, 1801 Pittsburgh Ave, Erie 1, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Dodge Mfg Corp, Mishawaka, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Thomas Flexible Coupling Co, Main Ave & Biddle St, Warren, Pa
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

CRANES, CRAB BUCKET

Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

CRANES, CRAWLER

Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Unit Crane & Shovel Corp, 6411 W Burnham St, Milwaukee, Wis

CRANES, ELECTRIC

Baker-Raulang Co, 1250 W 80 St, Cleveland 2, Ohio
Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Wright Hoist Div, American Chain & Cable Co, York, Pa

CRANES, HAND OPERATED

Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Wright Hoist Div, American Chain & Cable Co, York, Pa

CRANES, JIB & BOOM

Baker-Raulang Co, 1250 W 80 St, Cleveland 2, Ohio
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Unit Crane & Shovel Corp, 6411 W Burnham St, Milwaukee, Wis
Wright Hoist Div, American Chain & Cable Co, York, Pa

CRANES, MAGNET

Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Unit Crane & Shovel Corp, 6411 W Burnham St, Milwaukee, Wis

CRANES, TRAVELING

Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich
Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Wright Hoist Div, American Chain & Cable Co, York, Pa

CRANES, TRUCK

Baker-Raulang Co, 1250 W 80 St, Cleveland 2, Ohio
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Unit Crane & Shovel Corp, 6411 W Burnham St, Milwaukee, Wis

CRANES, TRUCK AND TRAILER

Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Mercer-Robinson Co, 30 Church St, N Y
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y

CRUCIBLES, CARBON

Delanium Carbon Corp, 18 E 48 St, N Y 17
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
National Carbon Co Div, 30 E 42 St, N Y 17

CRUCIBLES, CLAY

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col

CRUCIBLES, PLATINUM

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col

CRUCIBLES, PORCELAIN

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col

CRUCIBLES, SILICA, QUARTZ

Amersil Co, 1471 Chestnut St, Hillside, N J
Corning Glass Works, Corning, N Y
Emil Greiner Co, 20-26 Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio

CRUSHERS, COAL

American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Charles Ross & Son Co, 152 Classon Ave, Brooklyn 5, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, CONE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

CRUSHERS, DISK

Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Mercer-Robinson Co, 30 Church St, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

CRUSHERS, GYRATORY

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa

CRUSHERS, HAMMER

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, ICE

American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

CRUSHERS, IMPACT

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Entoleter Div, Safety Car Heating & Lighting Co, P O Box 904, New Haven, Conn
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, JAW

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa
Universal Rd Machy Co, Kingston, N Y

CRUSHERS, LABORATORY

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Denver Equipment Co, 1400 17 St, Denver, Col
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, RING

American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, ROLL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Exolon Co, Tonawanda, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRUSHERS, ROTARY

J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Sommit, N J
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass

CRUSHERS, SAW TOOTH

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J

CRUSHERS, STONE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa
Universal Rd Machy Co, Kingston, N Y
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

CRYSTALLIZERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Dorr Co, Engrs, Barry Place, Stamford, Conn
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

CRYSTALLIZERS, VACUUM

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

CUPS, GREASE

Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

CUTTERS, ROTARY

Abbe Engrg Co, 50 Church St, N Y 7

CYLINDERS, AMMONIA

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

CYLINDERS, CHLORINE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Lilie-Hoffmann Cooling Towers, 4239 Duncan Ave, St Louis 10, Mo
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

CYLINDERS, COMPRESSED GAS

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Harrisburg Steel Corp, Harrisburg, Pa
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Walter Kidde & Co, 498 Main St, Belleville 9, N J

Hackney

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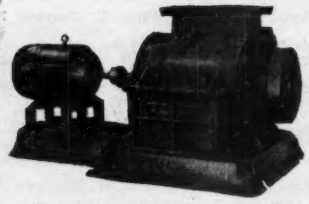




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Linde Air Products Corp Div, 30 E 42 St, N Y 17
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich

CYLINDERS, HYDRAULIC

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
A W Cash Co, 540 N 18 St, Decatur, Ill
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

CYLINDERS, LIQUIFIED GAS

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Harrisburg Steel Corp, Harrisburg, Pa
Hoke, Inc, S Dean St & Garrett Pl, Englewood, N J
Walter Kidde & Co, 498 Main St, Belleville 9, N J
Lilie-Hoffmann Cooling Towers, 4239 Duncan Ave, St Louis 10, Mo
Linde Air Products Co Div, 30 E 42 St, N Y 17
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis

CYLINDERS, PNEUMATIC

A W Cash Co, 540 N 18 St, Decatur, Ill
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis

CYLINDERS, PROPANE, BUTANE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Harrisburg Steel Corp, Harrisburg, Pa
Linde Air Products Co Div, 30 E 42 St, N Y 17
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis

CYLINDERS, STEEL

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Geuder, Paeshke & Frey Co, 324 N 15 St, Milwaukee 1, Wis
Harrisburg Steel Corp, Harrisburg, Pa
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Linde Air Products Co Div, 30 E 42 St, N Y 17
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

CYLINDERS, WELDED

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Linde Air Products Co Div, 30 E 42 St, N Y 17
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norris Thermador Corp, 5215 S Boyle Ave, Los Angeles 58, Cal
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis

DAMPENERS, VIBRATION

Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Grinnell Co, 260 W Exchange St, Providence 1, R I
Raybestos-Manhattan,, 61 Willett St, Passaic, N J

DEAERATORS

Beach-Russ Co, 50 Church St, N Y 7
Chain Belt Co, Milwaukee 1, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Elliott Co, Jeannette, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Permutit Co, 330 W 42 St, N Y 36
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Worthington Corp, Worthington Ave, Harrison, N J

DECANTERS, CONTINUOUS

Dorr Co Engrs, Barry Pl, Stamford, Conn
Emerson-Schouring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

DECHLORINATORS, WATER

Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
Wallace & Tiernan Co, Box 178, Newark, N J

DEGASIFIERS

Beach-Russ Co, 50 Church St, N Y 7
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
Walker Process Equipment, 840 Russell Ave, Aurora, Ill

DEGREASERS

Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Multi-Clean Products, 2277 Ford Pkwy, St Paul 1, Minn

DEHUMIDIFIERS

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Chrysler Corp, Airtemp Div, 1610 Webster St, P O Box 1037, Dayton 1, Ohio
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Industrol Corp, 472 Westfield Ave E, Roselle Park, N J
Pittsburgh Lectrodryer Corp, P O Box 1766, Pittsburgh 30, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Trane Co, 38 Cameron Ave, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis

DEHYDRATORS

Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Blaw-Knox Co. Farmers Bank Bldg, Pittsburgh, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cornell Mach Co, 99 Wall St, N Y 5
Dorr Co Engrs, Barry Pl, Stamford, Conn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Pittsburgh Lectrodryer Corp, P O Box 1766, Pittsburgh 30, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

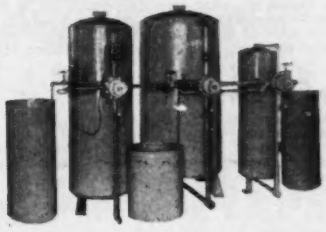
DE-IONIZING EQUIPMENT

Barnstead Still & Sterilizer Co, 2 Lanesville Terrace, Forest Hills, Boston 31, Mass
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Dorr Co Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Inflico Inc, Box 5033, Tucson, Ariz
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36

DEMINERALIZING EQUIPMENT

Barnstead Still & Sterilizer Co, 2 Lanesville Terrace, Forest Hills, Boston 31, Mass
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill

DE-IONIZERS

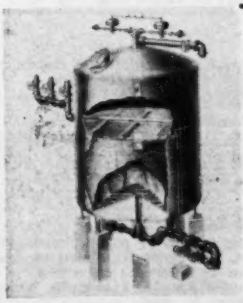


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ENGINEERS
Barry Place, Stamford, Conn.
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Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36

DEODORIZERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Air Flow Deodorizing Service, 997 Jefferson Ave, Bklyn 21, N Y
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
W B Connor Engrg Corp, Shelter Rock Lane, Danbury, Conn
Foster Wheeler Corp, 165 Broadway, N Y 6
Girdler Corp, 224 E Bway, Louisville 1, Ky
Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Turco Products, 6135 S Central Ave, Los Angeles 1, Cal
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

DEPHLEGMATORS

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Patterson-Kelley Co, E Stroudsburg, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

DESKS, LABORATORY

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kewaunee Mfg Co, Adrian, Mich
Metalab Equipment Corp, Hicksville, L I, N Y
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

DETECTORS, HAZARDOUS OR POISONOUS GASES

Bethlehem Apparatus Co, 831 Front St, Hellertown, Pa
W B Connor Engrg Corp, Shelter Rock Lane, Danbury, Conn
Linde Air Products Co Div, 30 E 42 St, N Y 17
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo

DETECTORS, LEAK

Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Distillation Products Industries Div, Rochester 3, N Y
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Turco Products, 6135 S Central Ave, Los Angeles 1, Cal

DETECTORS, METAL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Eriez Mfg Co, 217 State St, Erie, Pa

DETECTORS, SMOKE

Bristol Co, Waterbury 20, Conn
Walter Kidde & Co, 498 Main St, Belleville 9, N J
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Photoswitch, 77 Broadway, Cambridge 42, Mass

DEWATERING MACHINERY

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Dorr Co Engrs, Barry Pl, Stamford, Conn
Filtration Engrs, 155 Oraton St, Newark 4, N J
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
McNally Pittsburg Mfg Corp, Pittsburg, Kan

DIFFUSERS, AIR AND GAS

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bin-Dicator Co, 13946 Kercheval Ave, Detroit 15, Mich
Carborundum Co, Refractories Div, Perth Amboy, N J
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
W B Connor Engrg Corp, Shelter Rock Lane, Danbury, Conn
Cornell Mach Co, 99 Wall St, N Y 5
Infilco Inc, Box 5033, Tucson, Ariz
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Norton Co, 1 New Bond St, Worcester 6, Mass
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Walker Process Equipment, 840 Russell Ave, Aurora, Ill

DIGESTERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Foster Wheeler Corp, 165 Broadway, N Y 6
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Infilco Inc, Box 5033, Tucson, Ariz
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lukens Steel Co, Coatesville, Pa
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
M H Treadwell Co, 140 Cedar St, N Y 6

DIGESTERS, SEWAGE

Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill

DIPPERS, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa

DISCS, ASBESTOS

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gatke Corp, 228 N LaSalle St, Chicago 1, Ill
R-P & C Valve Div, American Chain & Cable Co, Reading, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J

DISPENSERS, TABLET

Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill

DISPERSION MACHINERY

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Baker Perkins, 1000 Hess St, Saginaw, Mich
Chemicolloid Labs, 30 Church St, N Y 7
Cornell Mach Co, 90 Wall St, N Y 5
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

DISSOLVERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Baker Perkins, 1000 Hess St, Saginaw, Mich
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Conn & Co, 11 S Marion St, Warren, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Patterson-Kelley Co, E Stroudsburg, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

DISTILLATION EQUIPMENT

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
American Locomotive Co, 30 Church St, N Y 8
Barnstead Still & Sterilizer Co, 2 Lanesville Terrace, Forest Hills, Boston 31, Mass
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Flintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Cornell Mach Co, 99 Wall St, N Y 5
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Distillation Products Industries Div, Rochester 3, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Girdler Corp, 224 E Bway, Louisville 1, Ky
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Griscom-Russell Co, Massillon, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Henszey Co, Watertown, Wis
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Koch Engrg Co, 321 W Douglas, Wichita, Kan
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Arthur D Little Co, 30 Memorial Dr, Cambridge 42, Mass
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

DRILLS

Syntron Co, 422 Lexington Ave, Homer City, Pa

DRIVES

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Dodge Mfg Corp, Mishawaka, Ind
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

DRIVES, AGITATOR

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
Conn & Co, 11 S Marion St, Warren, Pa
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

DRIVES, CHAIN

Chain Belt Co, Milwaukee 1, Wis
Diamond Chain Co, 402 Kentucky Ave, Indianapolis 7, Ind
Dodge Mfg Corp, Mishawaka, Ind
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Universal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

DRIVES, GEAR

Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
De Laval Steam Turbine Co, Trenton 2, N J
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Philadelphia Gear Works, Erie Ave at G St, Phila 24, Pa
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
Universal Rd Machy Co, Kingston, N Y
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal

DRIVES, V-BELT

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Dodge Mfg Corp, Mishawaka, Ind
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Worthington Corp, Worthington Ave, Harrison, N J

DRIVES, VARIABLE SPEED

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Century Elec Co, 1806 Pine St, St Louis 3, Mo
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Dodge Mfg Corp, Mishawaka, Ind
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Revco Inc, 2 E Franklin Ave, Minneapolis 4, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

DRUM LINERS, POLYETHYLENE

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Cincinnati Industries, 306 Carthage Ave, Lockland, Cincinnati 15, Ohio
Detrex Corp, Box 501, Detroit 32, Mich
Enley Products, 254 Pearl St, N Y 38
B F Goodrich Co, 500 S Main St, Akron, Ohio
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Pelamay Products, 112 4 Ave, N Y 3
Protective Lining Corp, 149 Waverly Pl, N Y 14
M L Snyder & Son, 1817-70 E Boston Ave, Phila 25, Pa
Traver Corp, 358-368 W Ontario St, Chicago 10, Ill

DRUMS, AGITATING

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Read Standard Corp, York, Pa

DRUMS, AGITATOR

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Inland Steel Container Div, 6532 S Menard Ave, Chicago 38, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Morse Mfg Co, 727 W Manlin St, E Syracuse, N Y
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rheem Mfg Co, 570 Lexington Ave, N Y 22
M H Treadwell Co, 140 Cedar St, N Y 6

DRUMS, ALLOY

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio

DRUMS, ALUMINUM

Aluminum Co of America, Alcoa Bldg, Pittsburgh 19, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Rheem Mfg Co, 570 Lexington Ave, N Y 22

DRUMS, FIBRE

(See also ads on pages 708 & 709)

Continental Can Co, 965 S Glenn St, Van Wert, Ohio
Fibre Drum Co, 20 N Wacker Dr, Chicago 6, Ill
Greif Bros Cooperage Corp, 175 E Hoffman Ave, Lindenhurst, N Y
Master Package Corp, Owen, Wis
Northern Cooperage Co, Concord & Page Sts, St Paul 7, Minn

DRUMS, LEAD LINED

Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
United States Stoneware Co, 60 E 42 St, N Y 17

DRUMS, MAGNETIC

Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Erlez Mfg Co, 217 State St, Erie, Pa
Homer Mfg Co, 142 E Pearl St, Lima, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis

DRUMS, NICKEL

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20

DRUMS, PROCESSING

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

DRUMS, REMOVABLE HEAD

Acme Steel Drum Co, 560 Ferry St, Newark, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Delaware Barrel & Drum Co, Eden Park Gardens, Wilmington, Del
Emery-Carpenter Container Co, 4600 Carew Tower, Cincinnati 2, Ohio
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rheem Mfg Co, 570 Lexington Ave, N Y 22
Southline Metal Products Co, 2115 Sabine St, Houston 10, Tex
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20

DRUMS, RUBBER

Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
C P Hall Co, 2510 First National Tower, Akron 8, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20

DRUMS, RUBBER LINED

Acme Steel Drum Co, 560 Ferry St, Newark, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greif Bros Cooperage Corp, 175 E Hoffman Ave, Lindenhurst, N Y
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

Hackney

2-PIECE

ACID DRUMS

Hackney Acid Drums are deep drawn . . . pressed from two sheets of steel. That means no longitudinal or chime seams . . . just one circumferential weld located between and protected by two I-bar rolling hoops. That's why the interiors are smooth, free of cracks and crevices. Heavy forged spuds, attached by a two-pass weld, minimize bung failures. Reinforced chime protectors add strength and life. Heat treating increases finished drum's resistance to corrosion.



Shippers of acids and alkalies everywhere find that Hackney 2-piece acid drums effectively reduce costs . . . last longer. Write for complete information.

PRESSED STEEL TANK CO.
Manufacturer of Hackney Products
1448 S. 66th St., Milwaukee 14 • 1321 Vanderbilt Concourse Bldg., New York 17 • 251 Hanna Bldg., Cleveland 15 • 936 W. Peachtree St., N.W. Room 134, Atlanta 3 • 208 S. LaSalle St., Room 794, Chicago 4 • 576 Roosevelt Bldg., Los Angeles 17 18 W. 43rd St., Room 17, Kansas City 11, Mo

RUBBER DRUMS

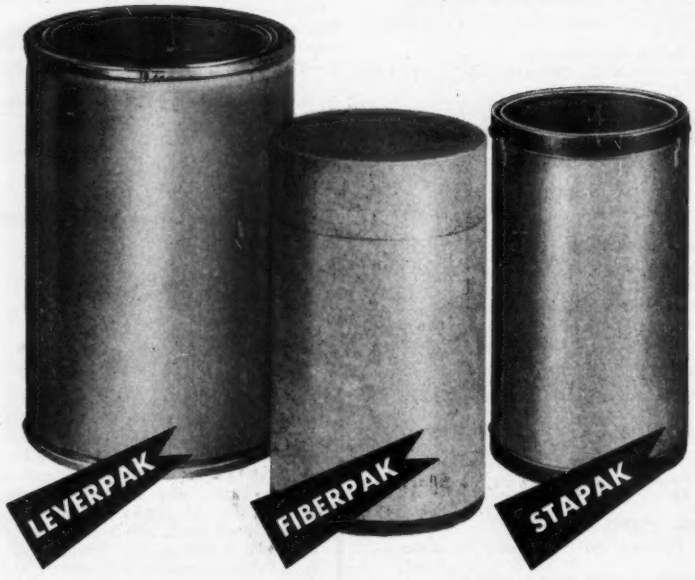
• Do you ship any liquid usually packaged in glass carboys or heavy rubber lined steel drums?

• Permit us to cooperate with you in adapting rubber drums to your particular requirements.

The C.P. Hall Co.
CHEMICAL MANUFACTURERS

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Bulk shipments travel light in Continental fibre drums



The resilient construction of Continental fibre drums gives strength without weight. Carriers accept the same responsibility for shipments in them as for heavier wood or steel containers of like capacity. Full open top for rapid filling and easy dispensing. Available in 17 colors. Choice of 14 inks. Shipped nested, if desired, for maximum economy.

LEVERPAK. Continental's best drum has patented, pilferproof metal locking device, metal top and bottom. Metal chimes are flash butt welded. Sift-proof seal. Special interior and exterior treatments available. Meets ICC regulations for Class B poisons. Sizes: 12 to 75 gallons. Acceptable weights to 400 pounds.

FIBERPAK. Designed for heavy duty service, with extra strong all-fibre construction. Bursting strengths range from 950 to 1850 and more pounds per sq. in. Complies with ICC regulations covering Class B (ICC-21A) poisons and other dangerous commodities. Sizes: ¾ to 67 gallons. Acceptable weights to 400 pounds.

STAPAK. Ideal low-cost shipping container for many dry products. Sturdy construction meets requirements of Uniform Freight Classification and all pure food laws. Metal top and bottom. Sizes: 2 to 35 gallons. Acceptable weights to 200 pounds.

Write nearest office for further details

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FIBRE DRUM DIVISION
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St. Louis, Mo.—Kansas City, Mo. —Omaha, Nebr.

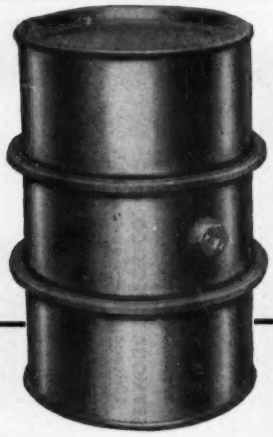
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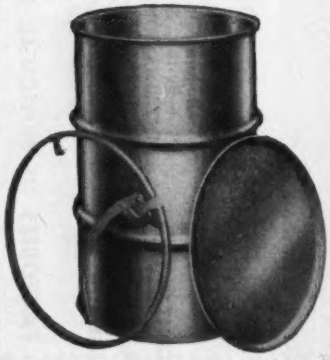
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Plain or Lacquer Lined



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Sales Offices in all Principal Cities

DRUMS, STEEL

Acme Steel Drum Co, 560 Ferry St, Newark, N J
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Crown Can Co, H St & Erie Ave, Phila, Pa
Delaware Barrel & Drum Co, Eden Park Gardens, Wilmington, Del
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Geuder, Paeshke & Frey Co, 324 N 15 St, Milwaukee 1, Wis
Greif Bros Cooperage Corp, 175 E Hoffman Ave, Lindenhurst, N Y
Inland Steel Container Div, 6532 S Menard Ave, Chicago 38, Ill
Newark Steel Drum Co, 1200 W Blancke St, Linden, N J
Northern Cooperage Co, Concord & Page Sts, St Paul 7, Minn
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rheem Mfg Co, 570 Lexington Ave, N Y 22
Southline Metal Products Co, 2115 Sabine St, Houston 10, Tex
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20
Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill

DRUMS, STEEL, STAINLESS

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Continental Can Co, 100 E 42 St, N Y 17
Duraloy Co, Bridge St, Scottdale, Pa
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Koch Engrg Co, 321 W Douglas, Wichita, Kan
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Pressed Steel Tank Co, 1445 S 66 St, Milwaukee 14, Wis
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rheem Mfg Co, 570 Lexington Ave, N Y 22
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20

DRUMS, VACUUM

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J

DRYERS, ATMOSPHERIC

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

DRYERS, CENTRIFUGAL

Bird Mach Co, S Walpole, Mass
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Tolhurst Centrifugals Div, E Moline, Ill

DRYERS, COMPARTMENT

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
J O Ross Engrg Corp, 444 Madison Ave, N Y 22

DRYERS, CONCENTRATE

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

DRYERS, CONTINUOUS

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Tolhurst Centrifugals Div, E Moline, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

DRYERS, CONVEYOR

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Wickwire Div, Sterling St, Clinton, Mass

DRYERS, DIRECT

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Hardinge Co, 240 Arch St, York, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

DRYERS, DRUM, ROTARY, VACUUM

Abbe Engrg Co, 50 Church St, N Y 7
Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Buflovak Equip Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Hardinge Co, 240 Arch St, York, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, York, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

DRYERS, ELECTRIC

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

Looking for telephone numbers: See Catalog Section

DRYERS, ELECTRIC VIBRATING

J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa

DRYERS, FREEZE

National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Wyssmont Co, 31-04F Northern Blvd, L I C 1, N Y

DRYERS, GAS

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Pittsburgh Lectrodryer Corp, P O Box 1766, Pittsburgh 30, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Trinity Equipment Corp, 472 Westfield Ave E, Roselle Park, N J

DRYERS, REVOLVING STEAM TUBE AND LIFTER TUBE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Hardinge Co, 240 Arch St, York, Pa
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

DRYERS, ROTARY

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Car & Foundry Co, 30 Church St, N Y 8
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Hardinge Co, 240 Arch St, York, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

DRYERS, ROTARY KILN

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Hardinge Co, 240 Arch St, York, Pa
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

DRYERS, SHELF, VACUUM

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

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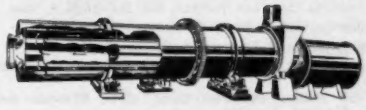
Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bowen Engrg, Station Rd, N Branch, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Komline-Sanderson Engrg Corp, Peapack, N J
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

DRYERS, STEAM JACKETED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Denver Equipment Co, 1400 17 St, Denver, Col
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

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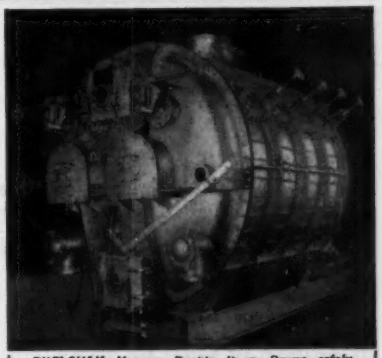


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Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Tolhurst Centrifugals Div, E Moline, Ill

DRYERS, TRAY

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
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W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22

DRYERS, VACUUM

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Read Standard Corp, York, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

DRYERS, VACUUM PAN

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

DRYERS, VIBRATING CONVEYOR

Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Wickwire Div, Sterling St, Clinton, Mass

DRYING SYSTEMS, FLASH

Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

DUCTS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aerodyne Development Corp, 2103 St Clair Ave, Cleveland 14, Ohio
American Brass Co, 414 Meadows St, Waterbury 20, Conn
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Chemical Corp, 64A Waltham Ave, Springfield 9, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hall Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6
United States Rubber Co, 1230 Ave of the Americas, N Y 20

DUMPERS, CAR

Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa

DUST CONTROL SYSTEMS

Aerodyne Development Corp, 2103 St Clair Ave, Cleveland 14, Ohio
Airborne Conveyors Corp, 99 Hudson St, N Y 13
American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Entoleter Div, P O Box 904, New Haven 4, Conn
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Research Corp, Bound Brook, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schmieg Industries, P O Box 4701, Detroit 34, Mich
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

DYNAMOS

Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ECONOMIZERS, FUEL AND STEAM

American District Steam Co, Bryant St, N Tonawanda, N Y
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Foster Wheeler Corp, 165 Broadway, N Y 6
Manning & Lewis Engrg, 38 Ogden St, Newark, N J
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J

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American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Foster Wheeler Corp, 165 Broadway, N Y 6
Heilman Boiler Works, 128 Linden St, Allentown, Pa
M W Kellogg Co, 225 Broadway, N Y 7
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
J O Ross Engrg Corp, 444 Madison Ave, N Y 22

EJECTORS, AIR JET

Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
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Croll Reynolds Co, 17 John St, N Y 38
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Elliott Co, Jeannette, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Ingersoll Rand Co, 11 Broadway, N Y 4
Lummus Co, 385 Madison Ave, N Y 17
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
National Carbon Co Div, 30 E 42 St, N Y 17
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Sentinel Glass Co, Box 58, Hatboro, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

EJECTORS, WATER JET

Croll Reynolds Co, 17 John St, N Y 38
Graver Water Conditioning Co, 216 W 14 St, N Y 11
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa

ELECTRODES, GRAPHITE

Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Airborne Accessories Corp, 1414 Chestnut Ave, Hillside 5, N J
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bristol Co, Waterbury 20, Conn
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electro-Physics Co, 287 Broadway, N Y 7
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Perkin-Elmer Corp, Main Ave Norwalk, Conn
Photoswitch, 77 Broadway, Cambridge 42, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

ELEVATORS, BAG AND BARREL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Alvey-Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Belt Corp, 5314 Mill St, Orient, Ohio
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Economy Engrg Co, 4511 W Lake St, Chicago 24, Ill
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

ELEVATORS, BUCKET

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Counsel Mach Co, 8 Hathaway St, Wallington, N J
Frazier & Son, 338 Cortlandt St, Belleville, N J
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
Omega Mach Co, 345 Harris Ave, Providence, R I
Read Standard Corp, York, Pa
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Rd Machy Co, Kingston, N Y
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

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C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

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Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
Belt Corp, 5314 Mill St, Orient, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Economy Engrg Co, 4511 W Lake St, Chicago 24, Ill
Flexoveyor Mfg Co, 1220 S Acoma St, Denver 10, Col
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Universal Rd Machy Co, Kingston, N Y
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

ELEVATORS, SCREW

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Read Standard Corp, York, Pa
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn

ELEVATORS, TRAY

Alvey Ferguson Co, 75 Disney St, Cincinnati 9, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

EMULSIFYING MACHINERY

Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cornell Mach Co, 99 Wall St, N Y 5
Girdler Corp, 224 E Bway, Louisville 1, Ky
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Tri-Home Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

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New York Office — 17 John Street, New York 38, N. Y.
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Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Hellige Inc, 877 Stewart Ave, Garden City, N Y
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio

EQUIPMENT, DRUM HANDLING

Buda Co, 154 & Commercial Ave, Harvey, Ill
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Marvel Industries, Inc, 2224 Cleveland St, Evanston, Ill
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill
Morse Mfg Co, 727 W Manlin St, Syracuse, N Y
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Thomas Truck & Caster Co, 70 Mississippi River, Keokuk, Iowa

EQUIPMENT, FERMENTATION, LABORATORY & PILOT PLANT

Stainless & Steel Products Co, 1000 Berry Ave, St Paul 4, Minn

EQUIPMENT, GLASS LINED

J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

EQUIPMENT, LABORATORY

Amersil Co, 1471 Chestnut St, Hillside, N J
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Kewaunee Mfg Co, Adrian, Mich
Maurice A Knight, P O Box 111, Akron 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Laboratory Equipment Corp, St Joseph, Mich
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Metalab Equipment Corp, Hicksville, L I, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tolhurst Centrifugals Div, E Moline, Ill
Traceriab, Inc, 130 High St, Boston 10, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Weisbach Corp, 1500 Walnut St, Phila 2, Pa

EQUIPMENT, LEAD, LEAD LINED

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Beike Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Federated Metals Div, 120 Broadway, N Y 5
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Traceriab, Inc, 130 High St, Boston 10, Mass
M H Treadwell Co, 140 Cedar St, N Y 6

EQUIPMENT, NICKEL AND NICKEL ALLOYS

R P Adams Co, 240 E Park Dr, Buffalo, N Y
American Locomotive Co, 30 Church St, N Y 8
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
Stainless Steel Products Co, 1000 Berry Ave, St Paul 4, Minn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

EQUIPMENT, PHOSPHATE CONTROL

Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I

EQUIPMENT, PORCELAIN

General Ceramics & Steatite Corp, Keasbey, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Laboratory Equipment Corp, St Joseph, Mich
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
United States Stoneware Co, 60 E 42 St, N Y 17

EQUIPMENT, RUBBER

Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4 Mich
Mercer-Robinson Co, 30 Church St, N Y
Minnesota Rubber & Gasket Co, 3630 Wooddale Ave, Minneapolis 16, Minn
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
National Rubber Machy Co, 47 W Exchange St, Akron, Ohio
Raybestos-Manhattan, 61 Willet St, Passaic, N J
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
United States Rubber Co, 1230 Ave of the Americas, N Y 20

EQUIPMENT, RUBBER LINED

R P Adams Co, 240 E Park Dr, Buffalo, N Y
American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Beike Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
B F Goodrich Co, 500 S Main St, Akron, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 29, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

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General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
United States Stoneware Co, 60 E 42 St, N Y 17

EQUIPMENT, VACUUM COATING

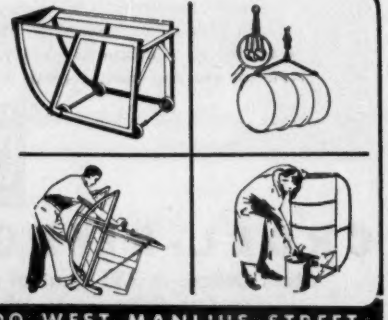
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Distillation Products Industries Div, Rochester 3, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill

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National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

EQUIPMENT, WATER ANALYSIS

Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md

EVAPORATORS, BASKET TYPE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

EVAPORATORS, CRYSTALLIZING

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

EVAPORATORS, ELECTRICALLY HEATED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

EVAPORATORS, FILM TYPE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Bowen Engrg, Station Rd, N Branch, N J
Delanium Carbon Corp, 18 E 48 St, N Y 17
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Cornell Mach Co, 99 Wall St, N Y 5
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

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Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Locomotive Co, 30 Church St, N Y 8
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cornell Mach Co, 99 Wall St, N Y 5
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Trane Co, 3 & Cameron Ave, La Crosse, Wis
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

EVAPORATORS, GLASS LINED

Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

EVAPORATORS, LEAD

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Federated Metals Div, 120 Broadway, N Y 5
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

EVAPORATORS, LOW-TEMPERATURE

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Kold-Hold Mfg Co, 735 E Hazel Ave, Lansing 4, Mich
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron Ave, La Crosse, Wis

EVAPORATORS, THERMOCOMPRESSION

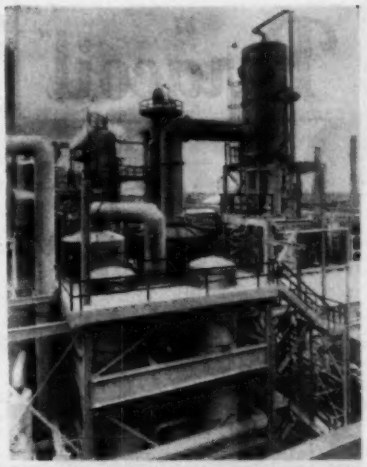
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Henszey Co, Watertown, Wis
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis

EVAPORATORS, VACUUM

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Distillation Products Industries Div, Rochester 3, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Trane Co, 3 & Cameron Ave, La Crosse, Wis
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

EXCHANGERS, HEAT

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
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BUFLOVAK Vertical Rapid Concentration Evaporators are simple in design and construction and provide maximum recovery of solids. A high rate of evaporation per square foot of heating surface results from improved heat transfer, accomplished by proper steam distribution, correct velocity of steam and thorough removal of non-condensable gases and condensate.

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Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Foster Wheeler Corp, 165 Broadway, N Y 6
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Girdler Corp, 224 E Bway, Louisville 1, Ky
Gosiln Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Griscom-Russell Co, Massillon, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Harrison Radiator Div, Washburn & Walnut Sts, Lockport, N Y
Heat-X-Changer Co, Brewster, N Y
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
National Carbon Co Div, 30 E 42 St, N Y 17
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Reitz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Sentinel Glass Co, Box 58, Hatboro, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

EXCHANGERS, ION

Dorr Co, Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Graver Water Conditioning Co, 216 W 14 St, N Y 13
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco, Inc, P O Box 5033, Tucson, Ariz
Permutit Co, 330 W 42 St, N Y 36

EXHAUSTERS, GAS

Elliott Co, Jeannette, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Worthington Corp, Worthington Ave, Harrison, N J

EXPANDERS, TUBE

Airetool Mfg Co, 302 S Center St, Springfield 99, Ohio
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Kay Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Horace T Potts Co, D St & Erie Ave, Phila 34, Pa

EXPANSION JOINTS

Alco Products Div, Dunkirk, N Y
American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Cook Elec Co, 2700 Southport Ave, Chicago 14, Ill
Croll Reynolds Co, 17 John St, N Y 38
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Zallea Bros, Taylor & Locust Sts, Wilmington 99, Del

EXTINGUISHERS, FIRE

American-LaFrance-Foamite Corp, 130 E LaFrance St, Elmira, N Y
Buffalo Fire Appliance Corp, 221 Crane St, Dayton, Ohio
General Detroit Corp, 2272 E Jefferson, Detroit 7, Mich
Grinnell Co, 260 W Exchange St, Providence 1, R I
Walter Kidde & Co, 498 Main St, Belleville 9, N J
Pyrene Mfg Co, 560 Belmont Ave Newark 8, N J
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa

EXTRACTORS, JACKETED

Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Tolhurst Centrifugals Div, E Moline, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

EXTRACTORS, LABORATORY

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Tolhurst Centrifugals Div, E Moline, Ill

EXTRACTORS, LIQUID

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Tolhurst Centrifugals Div, E Moline, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Otto H York Co, 69 Glenwood Pl, E Orange, N J

EXTRACTORS, MIST

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Otto H York Co, 69 Glenwood Pl, E Orange, N J

EXTRACTORS, OIL OR GREASE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Elliott Co, Jeannette, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Tolhurst Centrifugals Div, E Moline, Ill

EXTRACTORS, PRESSURE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
M H Treadwell Co, 140 Cedar St, N Y 6

EXTRACTORS, SOLVENT

V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Tolhurst Centrifugals Div, E Moline, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill
Otto H York Co, 69 Glenwood Pl, E Orange, N J

EXTRACTORS, VACUUM

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala

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PERMUTIT ION EXCHANGERS

Designation	Description	Uses	Regenerants	Mesh Size
Zeo-Dur	A processed glauconite (greensand) cation exchanger	Water Softening	Salt	10–50
Mn Zeolite	Specially prepared greensand zeolite	Iron and manganese removal from water without softening	Potassium Permanganate	10–50
Decalso	Synthetic sodium aluminosilicate cation exchanger	Water softening; hormone and antibiotic production, catalyst preparation	Salt	10–40 16–50 50–80 Fines
Permutit F (Folin Decalso)	Synthetic alumino silicate cation exchanger	Determination of ammonia in urine, and pharmaceutical use, ingestion for removal of poisons, miscellaneous laboratory operations	Not regenerated	60–80
Zeo-Karb	Sulfonated coal cation exchanger	Water softening, demineralizing of water, sugar and many liquids; catalyst; metal recovery; organic base recovery; insecticide; catalysis	Salt or acid	10–50 Fines
Permutit Q	Synthetic sulfonated styrene resin cation exchanger of highest capacity and stability to oxidizing agents, acids and alkalis	Water softening; demineralization of solutions, sugar purification; metal and organic base recovery	Salt or acid	10–50
Permutit H70	High capacity carboxylic acid cation exchanger	Water treatment; separation of metal cations, organic bases and amino acids; recovery of alkaloids; antibiotic recovery	Salt or acid	10–50
De-Acidite	Synthetic aliphatic amine resin anion exchanger	Demineralization of water, sugar, other liquids; removal of acids; exchange of anions; removal of metal complexes	Caustic Soda Soda Ash Ammonia, Aqua	10–50
Permutit W	Synthetic polyamine weakly basic anion exchanger	Demineralization of water, sugar, other liquids; removal of acids; exchange of acids; removal of metal complexes	Caustic Soda Soda Ash Ammonia, Aqua	10–50
Permutit A	Synthetic anion exchange resin of medium basicity	Removal of weak acids; demineralization; exchange of anions; removal of metal complexes; split neutral salts	Sodium Hydroxide	10–50
Permutit S-1 Permutit S-2	Synthetic anion exchange resin of high basicity	Removal of silica from water; removal of weak acids; demineralization; exchange of anions; removal of metal complexes; split neutral salts	Sodium Hydroxide	10–50 10–50

PERMUTIT ADSORBENTS

Designation	Description	Uses	Regenerants	Mesh Size
Carbo-Dur	Granular activated carbon	Remove taste and odor from water	Not regenerated	20–50
Fluo-Karb	Granular fluoride adsorbent	Remove fluorine from water	Caustic Soda and Sodium Bisulfate	30–50
Permutit DR	Decolorizing resin	Removal of color from sugar, amino acids, antibiotics	Sodium hydroxide and acid	20–50

The Permutit Company is owner of the following trade marks registered in U. S. Patent Office: Carbo-Dur, De-Acidite, Decalso, Ionac, Permutit, Ranarex, Zeo-Dur, Zeo-Karb.

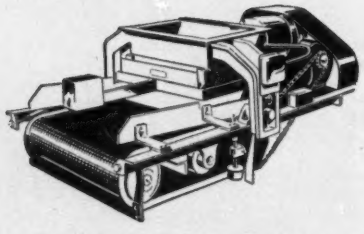
EXTRACTORS, VACUUM continued

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

FABRICATORS, STAINLESS STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
American Locomotive Co, 30 Church St, N Y 8
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Geuder, Paeshke & Frey Co, 324 N 15 St, Milwaukee 6, Wis
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
A B Murray Co, 649 Green Lane, Elizabeth, N J
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J

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Perry Equipment Corp, 1415 N 6 St, Phila 23, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Rd Machy Co, Kingston, N Y
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

FANS, COOLING

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Despatch Oven Co, 619 S E 18 St, Minneapolis 14, Minn
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Moore Co, 800 S Missouri Ave, Marceline, Mo
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Tolhurst Centrifugals Div, E Moline, Ill
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J

FANS, EXHAUST

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Clarage Fan Co, Kalamazoo, Mich
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Duriron Co, 425 N Findly Ave, Dayton 1, Ohio
Foster Wheeler Corp, 165 Broadway, N Y 6
General Ceramics & Steatite Corp, Keasbey, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Moore Co, 800 S Missouri Ave, Marceline, Mo
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Tolhurst Centrifugals Div, E Moline, Ill
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J

FANS, FUME REMOVAL

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Clarage Fan Co, Kalamazoo, Mich
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Duriron Co, 425 N Findly Ave, Dayton 1, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Moore Co, 800 S Missouri Ave, Marceline, Mo
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Tolhurst Centrifugals Div, E Moline, Ill
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FANS, PORTABLE

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Moore Co, 800 S Missouri Ave, Marceline, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Tolhurst Centrifugals Div, E Moline, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FANS, VENTILATING

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Chelsea Fan & Blower Co, 639 South Ave, Plainfield, N J
Clarage Fan Co, Kalamazoo, Mich
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Moore Co, 800 S Missouri Ave, Marceline, Mo
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Tolhurst Centrifugals Div, E Moline, Ill
Trane Co, 3 & Cameron, La Crosse, Wis
Universal Rd Machy Co, Kingston, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J

FEEDERS, AUTOMATIC APRON

Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Chain Belt Co, Milwaukee 1, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Hardinge Co, 240 Arch St, York, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

FEEDERS, BELT GRAVIMETRIC

Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Omega Mach Co, 345 Harris Ave, Providence, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa
Universal Rd Machy Co, Kingston, N Y
Wallace & Tiernan Co, Box 178, Newark, N J
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

FEEDERS, CONSTANT WEIGHT

Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Fuller Co, Catasauqua, Pa
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Omega Mach Co, 345 Harris Ave, Providence, R I
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa
Wallace & Tiernan Co, Box 178, Newark, N J

FEEDERS, CONTINUOUS "OW

Barber-Greene Co, 400 N Highland Ave, Aurora, Ill
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Denver Equipment Co, 1400 17 St, Denver, Col
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fuller Co, Catasauqua, Pa
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Graver Water Conditioning Co, 216 W 14 St, N Y 11
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Omega Mach Co, 345 Harris Ave, Providence, R I
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Wallace & Tiernan Co, Box 178, Newark, N J

FEEDERS, DRY

Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chain Belt Co, Milwaukee 1, Wis
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Denver Equipment Co, 1400 17 St, Denver, Col
Frazier & Son, 338 Cortlandt St, Belleville, N J
Fuller Co, Catasauqua, Pa
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Graver Water Conditioning Co, 216 W 14 St, N Y 11
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Omega Mach Co, 345 Harris Ave, Providence, R I
Permutit Co, 330 W 42 St, N Y 36
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Syntron Co, 422 Lexington Ave, Homer City, Pa
Wallace & Tiernan Co, Box 178, Newark, N J

FEEDERS, LIQUID

Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Clarkson Co, 564 Market St, San Francisco 4, Cal
Denver Equipment Co, 1400 17 St, Denver, Col
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Omega Mach Co, 345 Harris Ave, Providence, R I
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Sigmamotor, Inc, 3 N Main St, Middleport, N Y

FEEDERS, ORE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chain Belt Co, Milwaukee 1, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

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Denver Equipment Co, 1400 17 St, Denver, Col
Omega Mach Co, 345 Harris Ave, Providence 1, R I
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I

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Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Clarkson Co, 564 Market St, San Francisco 4, Cal
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hardinge Co, 240 Arch St, York, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Omega Mach Co, 345 Harris Ave, Providence, R I
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Wallace & Tiernan Co, Box 178, Newark, N J

FEEDERS, RIBBON

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Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

FEEDERS, ROTARY

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Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Construction Machy Co, Box 120, Waterloo, Iowa
Fuller Co, Catasauqua, Pa
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn

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C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
McNally Pittsburg Mfg Corp, Pittsburg, Kan
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
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Webster Mfg, 1175 W Hall St, Tiffin, Ohio

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Knapp Mills, 23-15 Borden Ave, L I C, N Y
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Traylor Engrg & Mfg Co, Allentown, Pa

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Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
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Denver Equipment Co, 1400 17 St, Denver, Col
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
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Stainless & Steel Products Co, 1000 Berry Ave, St Paul 14, Minn
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Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
MRM Co, 191-3 Berry St, Bklyn 11, N Y
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Independent Filter Press Co, 250 48 St, Bklyn 20, N Y
National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn
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National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
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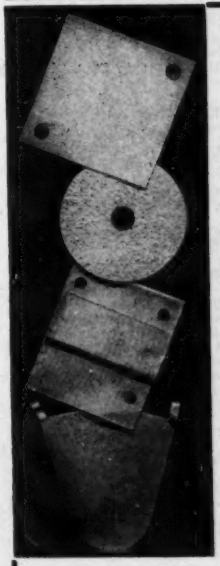
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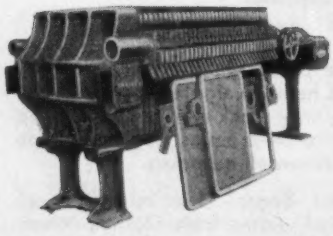
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Independent Filter Press Co, 250 48 St, Bklyn 20, N Y
Multi-Metal Wire Cloth Co, 1350 Garrison Ave, N Y 59
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill

FILTER PRESSES, HYDRAULIC

Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Independent Filter Press Co, 250 48 St, Bklyn 20, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill

FILTER PRESSES, LABORATORY

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
F R Hormann & Co, 17 Stone St, Newark 4, N J
Independent Filter Press Co, 250 48 St, Bklyn 20, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill

FILTER PRESSES, PLATE AND FRAME

Alsop Engrg Corp, 530 Center St, Millidale, Conn
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Independent Filter Press Co, 240 48 St, Bklyn 20, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
Scientific Filter Co, 76 Rose St, N Y 38
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky

FILTERS, ACID RESISTING

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Bird Mach Co, S Walpole, Mass
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Corning Glass Works, Corning, N Y
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Filter Paper Co, 2442 S Michigan Av, Chicago 16, Ill
Filtration Engrs, 155 Oraton St, Newark 4, N J
General Ceramics & Steatite Corp, Keasbey, N J
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Independent Filter Press Co, 250 48 St, Bklyn 20, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Oliver United Filters, 33 W 42 St, N Y 36
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
United States Stoneware Co, 60 E 42 St, N Y 17

FILTERS, AIR

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
R P Adams Co, 240 E Park Dr, Buffalo, N Y
American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Cambridge Corp, 350 S Geddes St, Syracuse 1, N Y
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Hanniffin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Industrial Corp, 472 Westfield Ave E, Roselle Park, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
William W Stanley Co, 401 Broadway, N Y
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass
Otto H York Co, 69 Glenwood Pl, E Orange, N J

FILTERS, AIR, AUTOMATIC SELF-CLEANING

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Entoleter Div, P O Box 904, New Haven 4, Conn
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
William W Stanley Co, 401 Broadway, N Y
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass

FILTERS, AIR, DRY

R P Adams Co, 240 E Park Dr, Buffalo, N Y
American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Cambridge Corp, 350 S Geddes St, Syracuse 1, N Y
Chemtech Products Corp, 62 William St, N Y 5
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
William W Stanley Co, 401 Broadway, N Y
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass

FILTERS, AIR, VISCOUS

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
William W Stanley Co, 401 Broadway, N Y

FILTERS, ASBESTOS DISC

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
F R Hormann & Co, 17 Stone St, Newark 4, N J
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
Scientific Filter Co, 76 Rose St, N Y 38
William W Stanley, 401 Broadway, N Y

FILTERS, CARBON

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Chemtech Products Corp, 62 William St, N Y 5
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Graver Water Conditioning Co, 216 W 14 St, N Y 11
National Carbon Co Div, 30 E 42 St, N Y 17
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Permutit Co, 330 W 42 St, N Y 36
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill

FILTERS, CENTRIFUGAL

Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
William W Stanley Co, 401 Broadway, N Y

FILTERS, CLARIFYING

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bird Mach Co, S Walpole, Mass
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
De Laval Separator Co, Poughkeepsie, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hardinge Co, 240 Arch St, York, Pa
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Karl Klefer Mach Co, 919 Martin St, Cincinnati, Ohio
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Oliver United Filters, 33 W 42 St, N Y 36
Permutit Co, 330 W 42 St, N Y 36
Scientific Filter Co, 76 Rose St, N Y 38
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
William W Stanley, 401 Broadway, N Y
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

FILTERS, COLOR

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Corning Glass Works, Corning, N Y
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill

FILTERS, CONTINUOUS ROTARY

Bird Mach Co, S Walpole, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
De Laval Separator Co, Poughkeepsie, N Y
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Komline-Sanderson Engrg Corp, Peapack, N J
Oliver United Filters, 33 W 42 St, N Y 36
Ronningen Mfg Co, Vicksburg, Mich
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

FILTERS, DUST

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Cambridge Corp, 350 S Geddes St, Syracuse 1, N Y
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Entoleter Div, P O Box 904, New Haven 4, Conn
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md
Permutit Co, 330 W 42 St, N Y 36
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio
William W Stanley Co, 401 Broadway, N Y
Torit Mfg Co, 292 Walnut St, St Paul 2, Minn
Turner & Haws Engrg Co, 87 Gardner St, W Roxbury 32, Mass

FILTERS, FEED WATER

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Elliott Co, Jeannette, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Infilco Inc, Box 5033, Tucson, Ariz
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Ronningen Mfg Co, Vicksburg, Mich
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
William W Stanley Co, 401 Broadway, N Y

FILTERS, GAS

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Cambridge Corp, 350 S Geddes St, Syracuse 1, N Y
Chemtech Products Corp, 62 William St, N Y 5
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
William W Stanley Co, 401 Broadway, N Y
Otto H York Co, 69 Glenwood Pl, E Orange, N J

FILTERS, GLASS FIBER

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
William W Stanley Co, 401 Broadway, N Y
Otto H York Co, 69 Glenwood Pl, E Orange, N J

FILTERS, GRAVITY

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Oliver United Filters, 33 W 42 St, N Y 36
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
William W Stanley Co, 401 Broadway, N Y
United States Stoneware Co, 60 E 42 St, N Y 17
Worthington Corp, Worthington Ave, Harrison, N J

FILTERS, JACKETED

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Indianapolis 7, Ind
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Emerson-Schewring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Oliver United Filters, 33 W 42 St, N Y 36
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill

FILTERS, LABORATORY

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Bird Mach Co, S Walpole, Mass
Cambridge Corp, 350 S Geddes St, Syracuse 1, N Y
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Corning Glass Works, Corning, N Y
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
General Ceramics & Steatite Corp, Keasbey, N J
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
F R Hormann & Co, 17 Stone St, Newark 4, N J
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Oliver United Filters, 33 W 42 St, N Y 36
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Republic Seltz Filter Corp, 17 Stone St, Newark 4, N J
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
United States Stoneware Co, 60 E 42 St, N Y 17

FILTERS, LEAF

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Oliver United Filters, 33 W 42 St, N Y 36
Republic Seltz Filter Corp, 17 Stone St, Newark 4, N J

FILTERS, MAGNETIC

Honan-Crane Corp, Lebanon, Ind
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
United States Hoffman Machy Corp, 105 4 Ave, N Y 3

FILTERS, OIL

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Filtration Engrs, 155 Oraton St, Newark 4, N J
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hendrick Mfg Co, Carbondale, Pa
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Honan-Crane Corp, Lebanon, Ind
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Oliver United Filters, 33 W 42 St, N Y 36
Ronningen Mfg Co, Vicksburg, Mich
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

FILTERS, PAINT AND VARNISH

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Oliver United Filters, 33 W 42 St, N Y 36
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

FILTERS, PILOT

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Oliver United Filters, 33 W 42 St, N Y 36
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill

FILTERS, PLATING

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemtech Products Corp, 62 William St, N Y 5
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Honan-Crane Corp, Lebanon, Ind
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Oliver United Filters, 33 W 42 St, N Y 36
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill

FILTERS, PRE-COAT

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Bird Mach Co, S Walpole, Mass
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Filtration Engrs, 155 Oraton St, Newark 4, N J
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Oliver United Filters, 33 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill

FILTERS, PRESSURE

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Emerson-Schewring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
F R Hormann & Co, 17 Stone St, Newark 4, N J
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal

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Permutit Co, 330 W 42 St, N Y 36
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Ronningen Mfg Co, Vicksburg, Mich
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
D R Sperry & Co, Batavia, Ill
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Worthington Corp, Worthington Ave, Harrison, N J

FILTERS, REFRIGERATED

Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Oliver United Filters, 33 W 42 St, N Y 36
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill

FILTERS, SAND

Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
Worthington Corp, Worthington Ave, Harrison, N J

FILTERS, STEAM HEATED

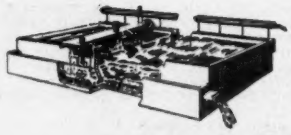
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Oliver United Filters, 33 W 42 St, N Y 36
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill

FILTERS, SUCTION, ACID PROOF STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Samuel Olson Mfg Co, 2418 Bloomingdale Ave, Chicago 47, Ill
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

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Aisop Engrg Corp, 530 Center St, Millidale, Conn
Bird Mach Co, S Walpole, Mass
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Filtration Engrs, 155 Oraton St, Newark 4, N J
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Komline-Sanderson Engrg Corp, Peapack, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Micro Metallic Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Oliver United Filters, 33 W 42 St, N Y 36
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
William W Stanley Co, 401 Broadway, N Y
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

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Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
National Filter Media Corp, 1717 Dixwell Ave, New Haven 14, Conn
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
William W Stanley Co, 401 Broadway, N Y

FILTERS, WATER

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Aisop Engrg Corp, 530 Center St, Millidale, Conn
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Commercial Filters Corp, 18 W 3 St, Boston 27, Mass
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Dearborn Chem Co, 375 Merchandise Mart Plaza, Chicago 54, Ill
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Hercules Filter Corp, 204 21 Ave, Paterson 3, N J
F R Hormann & Co, 17 Stone St, Newark 4, N J
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Kaye & MacDonald, 15 Central Ave, W Orange, N J
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Micro Metallics Corp, 30 Sea Cliff Ave, Glen Cove, N Y
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
Ronningen Mfg Co, Vicksburg, Mich
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sparkler Mfg Co, Lake & Division Sts, Mundelein, Ill
Worthington Corp, Worthington Ave, Harrison, N J

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E D Bullard Co, 275 8 St, San Francisco 3, Cal
Gatke Corp, 228 N LaSalle St, Chicago 1, Ill
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
William W Stanley Co, 401 Broadway, N Y
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo

FIRE DETECTORS

Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Fenwal Inc, Pleasant St, Ashland, Mass
Grinnell Co, 260 W Exchange St, Providence 1, R I
Walter Kidde & Co, 498 Main St, Belleville 9, N J

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Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Medical Supply Co, 1027 W State St, Dept C, Rockford, Ill
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa

FITTINGS, ALUMINUM, BRONZE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio

Looking for nearest branch office: See Catalog Section

Grinnell Co, 260 W Exchange St, Providence 1, R I
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Ladish Co, Cudahy, Wis
Ray Miller Inc, 252 N 10 St, Newark, N J
Walworth Co, 60 E 42 St, N Y 17

FITTINGS, FLANGED

Chiksan Co, 330 N Pomona Ave, Brea, Cal
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Grinnell Co, 260 W Exchange St, Providence 1, R I
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Tri-Clover Mach Co, Kenosha, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

FITTINGS, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Ray Miller Inc, 252 N 10 St, Newark, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

FITTINGS, HIGH PRESSURE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Autoclave Engrs, 860 E 19 St, Erie, Pa
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Ladish Co, Cudahy, Wis
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Ray Miller, Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

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Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
A M Byers Co, P O Box 1076, Pittsburgh 30, Pa
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Cooper Alloy Foundry Co, Blor St & Ransey Ave, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Dresser Mfg Div, 41 Fisher Ave, Bradford, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Stanley G Flagg & Co, 1421 Chestnut St, Phila 2, Pa
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Johns-Manville, 22 E 40 St, N Y 16
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ladish Co, Cudahy, Wis
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller Inc, 252 N 10 St, Newark, N J
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Horace T Potts Co, D St & Erie Ave, Phila 34, Pa
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tri-Clover Mach Co, Kenosha, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Walworth Co, 60 E 42 St, N Y 17
Welding Fittings Corp, Box 860, New Castle, Pa
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

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A M Byers Co, P O Box 1076, Pittsburgh 30, Pa
Chiksan Co, 330 N Pomona Ave, Brea, Cal
James B Clow & Sons, 201-299 Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Dresser Mfg Div, 41 Fisher Ave, Bradford, Pa
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Walworth Co, 60 E 42 St, N Y 17
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

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Federated Metals Div, 120 Broadway, N Y 5
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass

FITTINGS, SANITARY

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Ray Miller Inc, 252 N 10 St, Newark, N J
Horace T Potts Co, D St & Erie Ave, Phila 34, Pa
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis

FITTINGS, SEAMLESS

Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Grinnell Co, 260 W Exchange St, Providence 1, R I
Ladish Co, Cudahy, Wis
A B Murray Co, 649 Green Lane, Elizabeth, N J
Tri-Clover Mach Co, Kenosha, Wis
Walworth Co, 60 E 42 St, N Y 17
Welding Fittings Corp, Box 860, New Castle, Pa

FITTINGS, STAINLESS STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Autoclave Engrs, 860 E 19 St, Erie, Pa
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Cooper Alloy Foundry Co, Blor St & Ransey Ave, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Duraloy Co, Bridge St, Scottdale, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Ladish Co, Cudahy, Wis
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Special Screw Products Co, 5445 Dunham Rd, Bedford, Ohio
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
Welding Fittings Corp, Box 860, New Castle, Pa
Youngstown Welding & Engrg Co, 3800 Oakwood Ave, Youngstown 9, Ohio

FITTINGS, TANK

Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Stanley G Flagg & Co, 1421 Chestnut St, Phila 2, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis

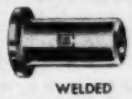
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Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Distillation Products Industries Div, Rochester 3, N Y
Grinnell Co, 260 W Exchange St, Providence 1, R I
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
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Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Grinnell Co, 260 W Exchange St, Providence 1, R I
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Grinnell Co, 260 W Exchange St, Providence 1, R I
Ladish Co, Cudahy, Wis
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
A B Murray Co, 649 Green Lane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tube Turns, 224 E Broadway, Louisville 1, Ky
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

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Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
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Crawford Fitting Co, 884 E 140 St, Cleveland 10, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Grinnell Co, 260 W Exchange St, Providence 1, R I
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Ladish Co, Cudahy, Wis
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
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Welding Fittings Corp, Box 860, New Castle, Pa
Youngstown Welding & Engrg Co, 3800 Oakwood Ave, Youngstown 9, Ohio

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Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

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A B Murray Co, 649 Green Lane, Elizabeth, N J
Otto H York Co, 69 Glenwood Pl, E Orange, N J
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

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Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Harrisburg Steel Corp, Harrisburg, Pa
Ladish Co, Cudahy, Wis
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller, Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tube Turns, 224 E Broadway, Louisville 1, Ky
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

FLANGES, PIPE

Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Grinnell Co, 260 W Exchange St, Providence 1, R I
Harrisburg Steel Corp, Harrisburg, Pa
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Ladish Co, Cudahy, Wis
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller, Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tri-Clover Mach Co, Kenosha, Wis
Tube Turns, 224 E Broadway, Louisville 1, Ky
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Walworth Co, 60 E 42 St, N Y 17

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Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
General Ceramics & Steatite Corp, Keasbey, N J
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Kieley & Mueller, 2013 43 St, N Bergen, N J
Ray Miller, Inc, 252 N 10 St, Newark, N J
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa

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Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Stoneware Co, 60 E 42 St, N Y 17

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Johns-Manville, 22 E 40 St, N Y 16
Kentile Inc, 58 2 Ave, Bklyn 15, N Y

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Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Haniey Co, 101 Park Ave, N Y 17
United States Stoneware Co, 60 E 42 St, N Y 17

FLOORING, CARBON

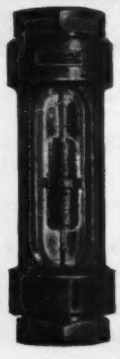
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Emery-Carpenter Container Co, 4600 Carew Tower, Cincinnati 2, Ohio
National Carbon Co Div, 30 E 42 St, N Y 17

FLOORING, IRON AND STEEL

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa
Hendrick Mfg Co, Carbondale, Pa
Inland Steel Co, 38 S Dearborn, Chicago 3, Ill
Irving Subway Grating Co, 50-38 27 St, L I C 1, N Y
A B Murray Co, 649 Green Lane, Elizabeth, N J

FLOW CONTROL EQUIPMENT METERS

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Henszey Co, Watertown, Wis
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa



FULL VIEW
FLO-RATE INDICATOR

PIPE SIZES ¼" - ½" - ¾" - & 1"
MAXIMUM CAPACITIES - WATER
2.0 - 4.0 - 8.0 - 16.0 G.P.M.

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BRASS & 303 STAINLESS ST.

Precision bore tapered tubes are provided with etched millimeter scale for greater flexibility in uses.

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Carey INDUSTRO-TILE FLOORING

Preformed specially processed asphalt, reinforced with mineral fibres densely compressed. Thickness: ½". Sizes: 12" x 12", 12" x 24". For new or old floors in factories, laboratories, stores, warehouses. Fire-safe; moisture and chemical-resistant. Long life.

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THE PHILIP CAREY MFG. CO.
Lockland, Cincinnati 15, Ohio
IN CANADA: The Philip Carey Co., Ltd. 277 Duke St., Montreal 3, P. Q.

FLOW CONTROL EQUIPMENT, RESPONSIVE DEVICES

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
W A Kates Co, 430 Waukegan Rd, Deerfield, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Gauge Div, Clymer Ave, Sellersville, Pa

FLUOROPHOTOMETERS

Coleman Instruments, 318 Madison St, Maywood, Ill
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio

FLUXES, BRAZING

Glidden Co, 11001 Madison Ave, Cleveland 2, Ohio
Handy & Harman, 82 Fulton St, N Y 38
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FOIL, ALUMINUM, TIN, ZINC, ETC.

Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

FORGINGS, ALUMINUM

Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Ladish Co, Cudahy, Wis
A B Murray Co, 649 Green Lane, Elizabeth, N J
Revere Copper & Brass, 230 Park Ave, N Y 17

FORGINGS, STEEL

General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Harrisburg Steel Corp, Harrisburg, Pa
Ladish Co, Cudahy, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
A B Murray Co, 649 Green Lane, Elizabeth, N J
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill

FRACTIONATORS

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Fritz W Glitsch & Sons, 4800 Singleton Blvd, Dallas, Tex
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

FRAMES, FILTER PRESS STEEL

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill

FUME REMOVAL SYSTEMS

Aerodyne Development Corp, 2103 St Clair Ave, Cleveland 14, Ohio
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
C O Bartlett & Snow Co, 62UC Harvard Ave, Cleveland 5, Ohio
Chemical Corp, 64-A Waltham Ave, Springfield 9, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

FUNNELS

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller, Inc, 252 N 10 St, Newark, N J
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa

FURNACE ACCESSORIES

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio

FURNACES, ANNEALING

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Electric Furnace Co, W Wilson St, Salem, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FURNACES, ASSAY

Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
W S Rockwell Co, 200 Eliot St, Fairfield, Conn

FURNACES, CALCINING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

FURNACES, CRUCIBLE

Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio

FURNACES, ELECTRICAL

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Furnace Co, W Wilson St, Salem, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FURNACES, HEARTH-TYPE

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio

FURNACES, HEAT TREATING

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

FURNACES, HIGH VACUUM

Distillation Products Industries Div, Rochester 3, N Y
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Petro Chem Development Co, 122 E 42 St, N Y
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

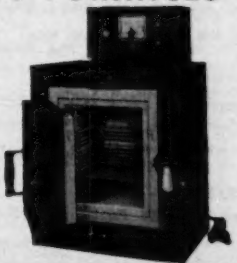
FURNACES, LABORATORY

Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heyl Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Laboratory Equipment Corp, St Joseph, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

Hotpack ELECTRIC FURNACES

Controlled Heat to 1050° C.—Built-in Controller and Indicating Pyrometer—Low Initial Cost—Economical Operation.

These compact, clean heavy-duty furnaces meet the need for an inexpensive, economical unit for all laboratory operations such as drying of precipitates, ash determinations, fusions, ignitions, etc. The maximum safe working temperature is 1000° C. (1832° F.). For intermittent periods of short duration the furnaces may be operated at a maximum temperature of 1050° C. (1932° F.). Three sizes.



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THE ELECTRIC Hotpack CO. INC.
5035 COTTMAN AVE. · PHILA. 35, PENNA.

FURNACES, MUFFLE

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Laboratory Equipment Corp, St Joseph, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

FURNACES, OIL

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
Gilbert & Barker Mfg Co, W Springfield, Mass
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Lummus Co, 385 Madison Ave, N Y 17
Mine & Smeter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Petro-Chem Development Co, 122 E 42 St, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

FURNACES, ROASTING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
M H Treadwell Co, 140 Cedar St, N Y 6

FURNACES, ROTARY

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bird Mach Co, S Walpole, Mass
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

FURNACES, TUBE

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Laboratory Equipment Corp, St Joseph, Mich
Lummus Co, 385 Madison Ave, N Y 17
Petro Chem Development Co, 122 E 42 St, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

FURNACES, VERTICAL

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Furnace Co, W Wilson St, Salem, Ohio
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gilbert & Barker Mfg Co, W Springfield, Mass
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Laboratory Equipment Corp, St Joseph, Mich
Lummus Co, 385 Madison Ave, N Y 17
Petro-Chem Development Co, 122 E 42 St, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

GALVANOMETERS

Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Liston-Becker Instrument Co, 20 Beckley Ave, P O Box 1110, Stamford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrion Aves, Phila 44, Pa
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

GAS ANALYSIS APPARATUS

Baird Associates, 33 University Rd, Cambridge 38, Mass
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hays Corp, E 8 St, Michigan City, Ind
Laboratory Equipment Corp, St Joseph, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Liston-Becker Instrument Co, 20 Beckley Ave, P O Box 1110, Stamford, Conn
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Perkin-Elmer Corp, Main Ave, Norwalk, Conn
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

GAS HOLDERS

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
M H Treadwell Co, 140 Cedar St, N Y 6

GASKETING MATERIAL, LOW VAPOR PRESSURE

Distillation Products Industries Div, Rochester 3, N Y
Garlock Packing Co, Palmyra, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

GASKETS, ACID AND ALKALI RESISTING

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Chicago Gasket Co, 275 W North Ave, Chicago 22, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
Ray Miller, Inc, 252 N 10 St, Newark, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

GASKETS, ASBESTOS

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 800 Cuyler Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Gatke Corp, 228 N LaSalle St, Chicago 1, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Johns-Manville, 22 E 40 St, N Y 16
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GASKETS, COPPER ASBESTOS

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GASKETS, LEAD

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Federated Metals Div, 120 Broadway, N Y 5
James K Harbinson & Co, 70 W Chippewa St, Buffalo 2, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GASKETS, LEATHER

Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J

GASKETS, METALLIC

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Greene, Tweed & Co, N Wales, Pa
James K Harbinson & Co, 70 W Chippewa St, Buffalo 2, N Y
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GASKETS, PAPER

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
W H Brady Co, 727 W Glendale Ave, Milwaukee 12, Wis
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Greene, Tweed & Co, N Wales, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J

GASKETS, PLASTIC

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
W H Brady Co, 727 W Glendale Ave, Milwaukee 12, Wis
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Garlock Packing Co, Palmyra, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Greene, Tweed & Co, N Wales, Pa
Ray Miller, Inc, 252 N 10 St, Newark, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
Protective Lining Corp, 149 Waverly Pl, N Y 14
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GASKETS, RUBBER

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
American Flange & Mfg Co, Inc, 30 Rockefeller Plaza, N Y 20, N Y
Chicago Gasket Co, 275 W North Ave, Chicago 22, Ill
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Minnesota Rubber & Gasket Co, 3630 Wooddale Ave, Minneapolis 16, Minn
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

GASKETS, FOR STEEL DRUMS

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Garlock Packing Co, Palmyra, N Y
Greene, Tweed & Co, N Wales, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Rieke Metal Products Corp, Auburn, Ind

GASKETS, TEFLON

Akron Metallic Gasket Co, 150-162 N Union St, P O Box 911, Akron, Ohio
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 1800 Cuvier Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Greene, Tweed & Co, N Wales, Pa
Ray Miller Inc, 252 N 10 St, Newark, N J
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

GATES, DISCHARGE, BIN AND BUNKER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Fuller Co, Catasauqua, Pa
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

GAUGES, DIAPHRAGM

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

GAUGES, DRAFT

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
United States Gauge Div, Clymer Ave, Sellersville, Pa

GAUGES, FILTER

Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hays Corp, E 8 St, Michigan City, Ind
Infico, Inc, P O Box 5033, Tucson, Ariz
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn

GAUGES, HEATED & COOLED

Bristol Co, Waterbury 20, Conn
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich

GAUGES, INDICATING, VACUUM AND DIFFERENTIAL

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barton Instrument Corp, 1429 S Eastern Ave, Los Angeles 22, Cal
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Distillation Products Industries Div, Rochester 3, N Y
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hastings Instrument Co, Super Hwy at Pine Ave, Hampton, Va
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Republic Flow Meter Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

GAUGES, LIQUID LEVEL

Autoclave Engrs, 860 E 19 St, Erie, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Diamond Power Specialty Corp, P O Box 415, Lancaster, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, X-Ray Dept, 4855 Electric Ave, Milwaukee 1, Wis
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Liquidometer Corp, 41-03 36 St, L I C 1, N Y
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
United States Gauge Div, Clymer Ave, Sellersville, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

GAUGES, PRESSURE

Autoclave Engrs, 860 E 19 St, Erie, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Builders-Providence, 345 Harris Ave, Providence, R I
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Helicoid Gage Div, American Chain & Cable Co, Bridgeport, Conn
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

GAUGES, TEMPERATURE

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Taglabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
United States Gauge Div, Clymer Ave, Sellersville, Pa

GAUGES, THICKNESS—NON-DESTRUCTIVE

DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Electric Eye Equipment Co, 6 W Fairchild St, Danville, Ill
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Stocker & Yale, 40 Green St, Marblehead, Mass
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

GAUGES, VACUUM

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Distillation Products Industries Div, Rochester 3, N Y
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
United States Gauge Div, Clymer Ave, Sellersville, Pa
W M Welch Mfg Co 1515 Sedgwick St, Chicago 10, Ill

GAUGES, WATER

Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Magnetrol Inc, 2110 S Marhall Blvd, Chicago 23, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

GEARMOTORS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Crocker Wheeler Div, Ampere, N J
Elliott Co, Jeannette, Pa
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Philadelphia Gear Works, Erie Ave & G St, Phila 24, Pa
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elect Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

GENERATORS, ACETYLENE

Air Products, P O Box 538, Allentown, Pa

GENERATORS, INERT GAS

Air Products, P O Box 538, Allentown, Pa
Electric Furnace Co, W Wilson St, Salem, Ohio
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Surface Combustion Corp, Toledo 1, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

GENERATORS, OXYGEN

Air Products, P O Box 538, Allentown, Pa
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa

GENERATORS, OXYGEN continued

M H Treadwell Co, 140 Cedar St, N Y 6

GENERATORS, OZONE

Laboratory Equipment Corp, St Joseph, Mich
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Welsbach Corp, 1500 Walnut St, Phila 2, Pa

GENERATORS, STEAM

Ames Iron Works, Oswego, N Y
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Clayton Mfg Co, P O Box 559, El Monte, Cal
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Orr & Sembower, Morgan Town Rd, Reading, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18

GLASS APPARATUS, GROUND

Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Laboratory Equipment Corp, St Joseph, Mich
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
Wakefield Industries, 5108 W Grove St, Skokie, Ill

GLASS APPARATUS, SPECIAL

Corning Glass Works, Corning, N Y
Distillation Products Industries Div, Rochester 3, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Emil Greiner Co, 20-26 N Moore St, N Y 13
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Laboratory Equipment Corp, St Joseph, Mich
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
Wakefield Industries, 5108 W Grove St, Skokie, Ill

GLASS, GROUND

Semon Bache & Co, 636 Greenwich St, N Y 14
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa

GLASS, LABORATORY

Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Glass Engrg Labs, 601 O'Neill Ave, Belmont, Cal
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
Wakefield Industries, 5108 W Grove St, Skokie, Ill

GLASS, REACTION VESSELS

Corning Glass Works, Corning, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
Wakefield Industries, 5108 W Grove St, Skokie, Ill

GLASSES, GAUGE

Semon Bache & Co, 636 Greenwich St, N Y 14
Corning Glass Works, Corning, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa

GLASSES, SIGHT

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Optical Co, Southbridge, Mass
Semon Bache & Co, 636 Greenwich St, N Y 14
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Corning Glass Works, Corning, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa

GLASSWARE, LABORATORY

Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz, Inc, 468 4 Ave, N Y 16
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
Wakefield Industries, 5108 W Grove St, Skokie, Ill

GLOVES, ASBESTOS

American Optical Co, Southbridge, Mass
Greene, Tweed & Co, N Wales, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Johns-Manville, 22 E 40 St, N Y 16
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio

GLOVES, IMPREGNATED FABRIC

American Optical Co, Southbridge, Mass
Edmont Mfg Co, Conshocton, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
Surety Rubber Co, Carrollton, Ohio

GLOVES, PLASTIC

Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Edmont Mfg Co, Conshocton, Ohio
B F Goodrich Co, 500 S Main St, Akron, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
Protective Lining Corp, 149 Waverly Pl, N Y 14
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
Surety Rubber Co, Carrollton, Ohio

GLOVES, POLYETHYLENE

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Protective Lining Corp, 149 Waverly Pl, N Y 14
Surety Rubber Co, Carrollton, Ohio

GLOVES, RUBBER

American Optical Co, Southbridge, Mass
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Edmont Mfg Co, Conshocton, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
Surety Rubber Co, Carrollton, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20

GOGGLES, ACID AND DUST-PROOF

American Optical Co, Southbridge, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Reading, Pa

GOGGLES, CHEMICAL

American Optical Co, Southbridge, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Reading, Pa

GOGGLES, FURNACE, HEAT PROTECTIVE

American Optical Co, Southbridge, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Willson Products, Reading, Pa

GOGGLES, SAFETY

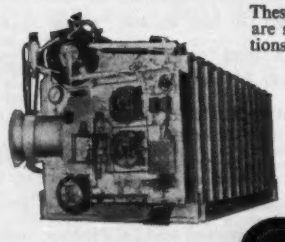
American Optical Co, Southbridge, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio
Martindale Elec Co, 1375 Hird Ave, Cleveland 7, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Reading, Pa

GOGGLES, WELDING

American Optical Co, Southbridge, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio

PACKAGE STEAM GENERATORS

10,000 to 30,000 lb. steam per hr.



These plant-assembled, water-tube package steam boilers are shipped ready to install. Require only service connections. Adaptable to various liquid and gaseous fuels. Design pressures of 250, 525 and 825 psig provide operating pressures from 100 to 800 psig.

Either fully automatic electric or semi-automatic electronic combustion control is available. Each type provides quick start-up and rapid response to load changes. Two or more package steam generators may be installed up to total capacities of 150,000 lb. per hr. Write Dept. CW-53.

FOSTER WHEELER
165 BROADWAY, NEW YORK 6, NEW YORK

Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Reading, Pa

GOVERNORS, PUMP

Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
A W Cash Co, 540 N 18 St, Decatur, Ill
Copes-Vulcan Div, 939 W 26 St, Erie, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Leslie Co, Grant Ave, Lyndhurst, N J
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio

GRANULATORS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Ball & Jewel, 24-28 Franklin St, Bklyn 22, N Y
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

GRANULATORS, CRUSHER AND MILL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Mercer-Robinson Co, 30 Church St, N Y
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass

GRINDERS, MILL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Ball & Jewel, 24-28 Franklin St, Bklyn 22, N Y
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Entoleter Div, Safety Car Heating & Lighting Co, P O Box 904, New Haven, Conn
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Hardinge Co, 240 Arch St, York, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

GRIZZLIES

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

GUARDS, MACHINERY

Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Ludlow-Saylor Wire Co, 634 S Newstead Ave, St Louis 10, Mo
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
Universal Rd Machy Co, Kingston, N Y

HAND CREAMS, PROTECTIVE

American Optical Co, Southbridge, Mass

40% to 70% cost-saving with Edmont work gloves

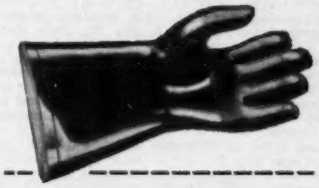
job-fitted to your needs

NEOX (reinforced neoprene) coated gloves fit widest range of work



Never before a glove so equally resistant to abrasion, cutting, oil, acids, solvents, caustics, degreasants and heat. Good flexibility and grip. All Edmont coatings are bonded to strong fabric linings for comfort and snag-resistance. Full coated or palm coated.

"Redmont" NEOX gloves for heaviest duty service and safe grip



Non-slip finish, cured *into* 30% thicker red NEOX coating, grips wet or greasy surfaces as well as dry. Longest wearing, safest of all liquid-proof gloves. Seamless wearing surface, extra wide thumb span, curved fingers.

Safety engineers approve white-fabric lined, rubber-coated Grab-its



Tough, flexible, rough-textured natural rubber, bonded to sturdy white fabric lining, gives positive non-slip grip, wet or dry. Outwear ordinary canvas gloves up to 10 times. Far safer, too.

Grapplers grip even in grease; outwear other plastics 50%



Coated with DUROX, a leather-like reinforced plastic that retains its grip when wet, is extremely resistant to abrasion, oil and coolants, and stays flexible. Perfect fitting, too. Note wing thumb and curved, pre-flexed fingers.

Hand-fitting Monkey Grips far outwear leather, ordinary plastics



Special Edmont vinyl coating is second only to "DUROX" in wearing qualities and grip. Same wing thumb and pre-flexed finger design as "Grappler" gloves; fit the hand *all over.*

Make this FREE TEST to cut your costs, improve safety. Send us a brief description (on business letterhead) of your operations, materials handled, and temperature condition. Without cost we will recommend the best glove for the condition and forward samples for testing on the job.

Edmont Manufacturing Company, 1203 Walnut Street, Coshocton, Ohio

World's largest maker of coated industrial gloves

Edmont.

Edmont job-fitted gloves

HAND CREAMS, PROTECTIVE continued

E D Bullard Co, 275 8 St, San Francisco 3, Cal
Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill

HATS AND CAPS, PROTECTIVE

E D Bullard Co, 275 8 St, San Francisco 3, Cal
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo

HEADS, BOILER AND TANK

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J

HEATERS, AIR AND GAS

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Griscom-Russell Co, Massillon, Ohio
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Petro-Chem Development Co, 122 E 42 St, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Syntron Co, 422 Lexington Ave, Homer City, Pa
Trane Co, 3 & Cameron, La Crosse, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HEATERS, ELECTRIC

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Syntron Co, 422 Lexington Ave, Homer City, Pa
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Waage Elec, Inc, Kenilworth 2, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J

HEATERS, ELECTRONIC

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y

HEATERS, FEED WATER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Alco Products Div, Dunkirk, N Y
American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Croll Reynolds Co, 17 John St, N Y 38
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Elliott Co, Jeannette, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Griscom-Russell Co, Massillon, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Infilco, Inc, P O Box 5033, Tucson, Ariz
M W Kellogg Co, 225 Broadway, N Y 7
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Sims Co, 1402 E 18 St, Erie, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J

HEATERS, FLAT TUBE

Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Young Radiator Co, 709 S Marquette St, Racine, Wis

HEATERS, GAS-FIRED

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Petro-Chem Development Co, 122 E 42 St, N Y
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio
Trane Co, 3 & Cameron, La Crosse, Wis
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

HEATERS, IMMERSION

Amersil Co, 1471 Chestnut St, Hillside, N J
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Surface Combustion Corp, Toledo 1, Ohio
Syntron Co, 422 Lexington Ave, Homer City, Pa
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Waage Elec, Inc, Kenilworth 2, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HEATERS, LIQUID

American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Griscom-Russell Co, Massillon, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
M W Kellogg Co, 225 Broadway, N Y 7
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Sims Co, 1402 E 18 St, Erie, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
Superior Combustion Industries, 1475 Broadway, N Y 18
Surface Combustion Corp, Toledo 1, Ohio
Syntron Co, 422 Lexington Ave, Homer City, Pa
Waage Elec, Inc, Kenilworth 2, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa
Young Radiator Co, 709 S Marquette St, Racine, Wis

HEATERS, MOLTEN SALT

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
M W Kellogg Co, 225 Broadway, N Y 7
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio
Syntron Co, 422 Lexington Ave, Homer City, Pa
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HEATERS, OIL

American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Andale Co, 1740 Cherry St, Phila 3, Pa
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Engineer Co, 75 West St, N Y 6
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Griscom-Russell Co, Massillon, Ohio
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Heat-X-Changer Co, Brewster, N Y
M W Kellogg Co, 225 Broadway, N Y 7
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
Petro-Chem Development Co, 122 E 42 St, N Y
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Ross Heater Div, 1407 West Ave, Buffalo 13, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Sims Co, 1402 E 18 St, Erie, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Surface Combustion Corp, Toledo 1, Ohio
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa
Young Radiator Co, 709 S Marquette St, Racine, Wis

HEATERS, OVEN

Brown Fintube Co, Elyria, Ohio
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Surface Combustion Corp, Toledo 1, Ohio
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HEATERS, TANK CAR

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
A B Murray Co, 649 Green Lane, Elizabeth, N J
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HEATERS, UNIT

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Clarage Fan Co, Kalamazoo, Mich
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Grinnell Co, 260 W Exchange St, Providence 1, R I
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Surface Combustion Corp, Toledo 1, Ohio
Trane Co, 3 & Cameron, La Crosse, Wis
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa
L J Wing Co, 310 Vreeland Mills Rd, Linden, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

HEATING SYSTEMS, DOWTHERM

Andale Co, 1740 Cherry St, Phila 3, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Petro-Chem Development Co, 122 E 42 St, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa

HEATING SYSTEMS, HOT OIL

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Petro Chem Development Co, 122 E 42 St, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa

HELMETS, SAFETY

Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Reading, Pa

HOISTS, AIR

Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich
Gardner Denver Co, Quincy, Ill
Ingersoll-Rand Co, 11 Broadway, N Y 4

HOISTS, CHAIN

Denver Equipment Co, 1400 17 St, Denver, Col
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Wright Hoist Div, American Chain & Cable Co, York, Pa

HOISTS, DRUM

Denver Equipment Co, 1400 17 St, Denver, Col
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Ingersoll-Rand Co, 11 Broadway, N Y 4
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y

HOISTS, ELECTRIC

Denver Equipment Co, 1400 17 St, Denver, Col
Detroit Hoist & Mach Co, 8263 Morrow St, Detroit 11, Mich
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Ingersoll-Rand Co, 11 Broadway, N Y 4
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa
Wright Hoist Div, American Chain & Cable Co, York, Pa

HOISTS, HAND

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Wright Hoist Div, American Chain & Cable Co, York, Pa

HOISTS, PORTABLE

Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Construction Machy Co, Box 120, Waterloo, Iowa
Denver Equipment Co, 1400 17 St, Denver, Col
Ingersoll-Rand Co, 11 Broadway, N Y 4
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Wright Hoist Div, American Chain & Cable Co, York, Pa

HOISTS, SKIP

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Construction Machy Co, Box 120, Waterloo, Iowa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Denver Equipment Co, 1400 17 St, Denver, Col
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

HOMOGENIZERS

Chemicolloids Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

HOODS, ACID

American Optical Co, Southbridge, Mass
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
E D Bullard Co, 275 8 St, San Francisco 3, Cal
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Kewaunee Mfg Co, Adrian, Mich
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalab Equipment Corp, Hicksville, L I, N Y
J Q Ross Engrg Corp, 444 Madison Ave, N Y 22
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
H M Sawyer & Son Co, 20 Thorndike St, Cambridge 41, Mass

HOPPERS

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Construction Machy Co, Box 120, Waterloo, Iowa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lipmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Roura Iron Works, 1401 Woodland, Detroit 11, Mich
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Univrsal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

HOPPERS, AUTOMATIC WEIGHING

Beaumont Birch Co, 1505 Race St, Phila 22, Pa
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Construction Machy Co, Box 120, Waterloo, Iowa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lippman Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Read Standard Corp, York, Pa
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill

HOSE, ACID-RESISTING

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Ray Miller Inc, 252 N 10 St, Newark, N J
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

HOSE, AIR

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Schramm Inc, W Chester, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

HOSE, FIRE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
General Detroit Corp, 2222 E Jefferson, Detroit 1, Mich
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, GREASE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

HOSE, HIGH PRESSURE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Metal Hose Co, 2133-35 S Kedzie Ave, Chicago 23, Ill

HOSE, METAL, FLEXIBLE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
American Brass Co, 414 Meadow St, Waterbury 20, Conn
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Universal Metal Hose Co, 2133-35 S Kedzie Ave, Chicago 23, Ill
Zallea Bros, Taylor & Locust Sts, Wilmington 99, Del

HOSE, OIL AND GASOLINE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

HOSE, OXYACETYLENE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, PETROLEUM SOLVENT

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio

HOSE, PETROLEUM SOLVENT continued

Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, RUBBER

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Eimco Corp, 640 S 4 West St, Salt Lake City, Utah
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, SAND BLAST

Aeroquip Corp, 300 S East Ave, Jackson, Mich
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, STEAM

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Universal Metal Hose Co, 2133-35 S Kedzie Ave, Chicago 23, Ill

HOSE, STEAM DRIVEN

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Boston Woven Hose & Rubber Co, Box 1071, Boston 3, Mass
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20

HOSE, VACUUM, FLEXIBLE

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Allied Metal Hose Co, 37-46 9 St, L I C 1, N Y
Atlantic Metal Hose Co, 123 W 64 St, N Y 23
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chiksan Co, 330 N Pomona Ave, Brea, Cal
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Distillation Products Industries Div, Rochester 3, N Y
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Multi-Clean Products, 2277 Ford Pkwy, St Paul 1, Minn
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17
Universal Metal Hose Co, 2133-35 S Kedzie Ave, Chicago 23, Ill

HOT PLATES, ELECTRIC

Boston Woven Hose & Rubber Co, Box 1071, Boston 3, Mass
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Spray Engrg Co, 114 Central St, Somerville, Mass
Waage Electric, Inc, Kenilworth 2, N J
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

HOT PLATES, GAS

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill

HUMIDIFYING APPARATUS

Aqua-Therm Inc, 39 N Terrence St, Dayton, Ohio
Food Technology, 5903 Northwest Hway, Chicago 31, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Minneapolis-Honeywell Regulator Co, 2753 4 Ave St, Minneapolis 8, Minn
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Spraying Systems Co, 3201 Randolph St, Bellwood, Ill
Trane Co, 3 & Cameron Ave, La Crosse, Wis

HYDRATORS, LIME

Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

HYDROCLASSIFIERS

Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa

HYDROGENATION FACILITIES

Foster Wheeler Corp, 165 Broadway, N Y 6
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

HYDROMETERS

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taglialue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

HYGROMETERS

Bristol Co, Waterbury 20, Conn
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Taglialue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

ICE CRUSHERS, SLINGERS

Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

ICE MAKING EQUIPMENT

Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
McQuay, Inc, 1600 Broadway St N E, Minneapolis, Minn
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Worthington Corp, Worthington Ave, Harrison, N J

IDLERS, BELT CONVEYOR

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

ILLUMINATORS, GAUGE GLASS

Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Stocker & Yale, 40 Green St, Marblehead, Mass

IMPREGNATING APPARATUS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 14, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Patterson-Kelley Co, E Stroudsburg, Pa
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

INCINERATORS, ROTARY KILNS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Hardinge Co, 240 Arch St, York, Pa
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

INDICATORS, DEWPOINT

Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla
Surface Combustion Corp, Toledo 1, Ohio
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

INDICATORS, DRY MATERIAL LEVEL

Bin-Dicator Co, 13946 Kercheval Ave, Detroit 15, Mich
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fuller Co, Catasauqua, Pa
General Elec Co, X-Ray Dept, 4855 Electric Ave, Milwaukee 1, Wis
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa

INDICATORS AND CONTROLS, LIQUID LEVEL

Automatic Control Co, 1005 University Ave, St Paul, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Diamond Power Specialty Corp, P O Box 415, Lancaster, Ohio
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Elec Co, X-Ray Dept, 4855 Electric Ave, Milwaukee 1, Wis
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Liquidometer Corp, 41-03 36 St, L I C 1, N Y
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Panalarm Products, 6312 N Broadway, Chicago 40, Ill
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Photoswitch, Inc, 77 Broadway, Cambridge 42, Mass
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
United States Gauge Div, Clymer Ave, Sellersville, Pa
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal

INDICATORS, LIQUID FLOW

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Barton Instrument Corp, 1429 S Eastern Ave, Los Angeles 22, Cal

Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Fenwal, Inc, Pleasant St, Ashland, Mass
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hays Corp, E 8 St, Michigan City, Ind
Henszey Co, Watertown, Wis
Infilco Inc, Box 5033, Tucson, Ariz
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

INDICATORS, SIGHT FLOW

Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa

INHALATORS

Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa

INSTRUMENTS, INSPECTION, TUBING

Branson Instruments, 430 Fairfield Ave, Stamford, Conn
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill

INSTRUMENTS, NUCLEAR

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla
Weston Elecl Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

INSTRUMENTS, OPTICAL

American Optical Co, Southbridge, Mass
Applied Research Labs, 3717 Park Pl, Glendale 8, Cal
Baird Associates, 33 University Rd, Cambridge 38, Mass
Barton Instrument Corp, 1429 S Eastern Ave, Los Angeles 22, Cal
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Perkin-Elmer Corp, Main Ave, Norwalk, Conn
Stocker & Yale, 40 Green St, Marblehead, Mass

INSTRUMENTS, TESTING

Analytical Measurements, 585 Main St, Chatham, N J
Baird Associates, 33 University Rd, Cambridge 38, Mass
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
James G Biddle Co, 1316 Arch St, Phila 7, Pa
Bristol Co, Waterbury 20, Conn
Branson Instruments, 430 Fairfield Ave, Stamford, Conn
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Electric Eye Equipment Co, 6 W Fairchild St, Danville, Ill
Electro-Physics Co, 287 Broadway, NY 7
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Helildge, Inc, 877 Stewart Ave, Garden City, N Y
Laboratory Equipment Corp, St Joseph, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Moisture Register Co, 1510 W Chestnut St, Alhambra, Cal
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla
Roller-Smith Corp, Bethlehem, Pa
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md
United Engrs, 824 E 6 St, Tulsa, Okla
Welsbach Corp, 1500 Walnut St, Phila 2, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Weston Elecl Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J
Wilson Mechanical Instrument Div, American Chain & Cable Co, 230 Park Ave, N Y 17

INSULATING MATERIALS, ELECTRIC

General Elec Co, Chem Div, 1 Plastics Ave, Pittsfield, Mass
Glass Fibers, 1810 Madison Ave, Toledo 2, Ohio
Glidden Co, 11001 Madison Ave, Cleveland 2, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Johns-Manville, 22 E 40 St, N Y 16
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Norton Co, 1 New Bond St, Worcester 6, Mass
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Refractory & Insulation Corp, 120 Wall St, N Y 5
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

INSULATING MATERIALS, HEAT

Carborundum Co, Refractories Div, Perth Amboy, N J
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Dicalite Div, 612 S Flower St, Los Angeles 17, Cal
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Glass Fibers, 1810 Madison Ave, Toledo 2, Ohio
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
North American Refractories Co, 1012 National City E 6 St Bldg, Cleveland 14, Ohio
Owens-Illinois Glass Co, Kaylo Div, P O Box 1035-1036, Toledo, Ohio
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Pabco Products, 475 Brannan St, San Francisco 19, Cal
Pittsburgh Corning Corp, 307 4 Ave, Pittsburgh 22, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Refractory & Insulation Corp, 120 Wall St, N Y 5
Reynolds Metals Co, 2000 S 9 St, Louisville 1, Ky
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio

INSULATION, HEAT

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Glass Fibers, 1810 Madison Ave, Toledo 2, Ohio
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Johns-Manville, 22 E 40 St, N Y 16
Owens-Illinois Glass Co, Kaylo Div, P O Box 1035-1036, Toledo, Ohio
Pabco Products, 475 Brannan St, San Francisco 19, Cal
Pittsburgh Corning Corp, 307 4 Ave, Pittsburgh 22, Pa
Refractory & Insulation Corp, 120 Wall St, N Y 5
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio

INSULATION, MINERAL WOOL

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Glass Fibers, 1810 Madison Ave, Toledo 2, Ohio
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Johns-Manville, 22 E 40 St, N Y 16
Refractory & Insulation Corp, 120 Wall St, N Y 5

IONIZERS

Graver Water Conditioning Co, 216 W 14 St, N Y 11
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Welsbach Corp, 1500 Walnut St, Phila 2, Pa

JACKETS, LABORATORY HEATING

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

JOINTS, EXPANSION

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Locomotive Co, 30 Church St, N Y 8
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Cook Elec Co, 2700 Southport Ave, Chicago 14, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Dresser Mfg Div, 41 Fisher Ave, Bradford, Pa
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Fulton Syphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Walworth Co, 60 E 42 St, N Y 17
Zallea Bros, Taylor & Locust Sts, Wilmington 99, Del

JOINTS, FLEXIBLE BALL

Barco Mfg Co, 500 Hough St, Barrington, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill

KETTLES, ACETYLATING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M H Treadwell Co, 140 Cedar St, N Y 6

KETTLES, AGITATING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sims Co, 1402 E 18 St, Erie, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

KETTLES, ALUMINUM, BRONZE

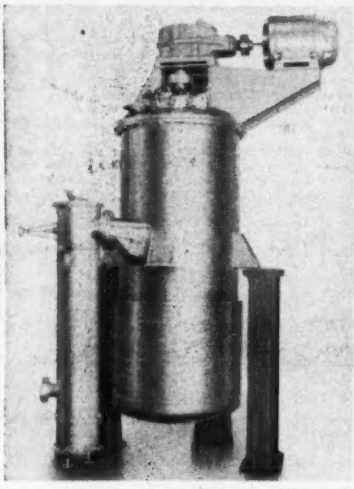
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
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Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, CAST IRON

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6

KETTLES, CAUSTIC

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Goslin Birmingham Mfg Co, 3521 10 Ave N, Birmingham, Ala
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa

KETTLES, CHROME, NICKEL, STEEL

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, COPPER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, CRYSTALLIZING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

KETTLES, ELECTRICALLY HEATED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

KETTLES, GAS FIRED

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

KETTLES, GLASS ENAMELED

Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

KETTLES, JACKETED

American Locomotive Co, 30 Church St, N Y 8
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Lukens Steel Co, Coatesville, Pa
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sims Co, 1402 E 18 St, Erie, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, MONEL METAL AND NICKEL

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J

Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

KETTLES, NITRATING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

KETTLES, OIL-JACKETED

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

KETTLES, PORCELAIN

General Ceramics & Steatite Corp, Keasbey, N J
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

KETTLES, SOAP

Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

KETTLES, STEAM-JACKETED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Sims Co, 1402 E 18 St, Erie, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, STEEL

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, VACUUM

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

KETTLES, VARNISH

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Trent Inc, 210 Leverington Ave, Phila 27, Pa

KILNS, CEMENT AND LIME

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hardinge Co, 240 Arch St, York, Pa
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

KILNS, CERAMIC

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Hardinge Co, 240 Arch St, York, Pa
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
Selas Corp of America, Erie Ave & D St, Phila 34, Pa

KILNS, ROTARY

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Hardinge Co, 240 Arch St, York, Pa
Lukens Steel Co, Coatesville, Pa
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

KILNS, SHAFT

Hardinge Co, 240 Arch St, York, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

KJELDAHL APPARATUS

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Stoneware Co, P O Box 350, Akron, Ohio

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Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

KNIFE CUTTERS

Abbe Engrg Co, 50 Church St, N Y 7
Mercer-Robinson Co, 30 Church St, N Y

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Abbe Engrg Co, 50 Church St, N Y 7
Mercer-Robinson Co, 30 Church St, N Y

KNIVES, SCRAPING

J M Lehmann Co, 559 New York Ave, Lyndhurst, N J

LABEL MACHINERY

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
MRM Co, 191-3 Barry St, Bklyn 11, N Y
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass

LABORATORY APPARATUS & SUPPLIES

Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
Applied Research Labs, 3717 Park Pl, Glendale 8, Cal
Atlas Elec Devices Co, 361 W Superior St, Chicago 10, Ill
Baird Associates, 33 University Rd, Cambridge 38, Mass
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Beckman Instruments, 820 Mission St, S Pasadena 1, Cal
Bowen Engrg, Station Rd, N Branch, N J
Burrell Corp, 2223 5 Ave, Pittsburgh 19, Pa
Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Corning Glass Works, Corning, N Y
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Laboratory Equipment Corp, St Joseph, Mich
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz, Inc, 468 4 Ave, N Y 16
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Metalab Equipment Corp, Hicksville, N Y
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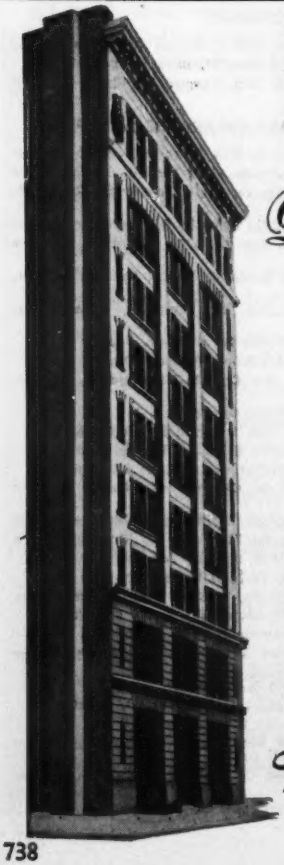
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Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Tracerlab, Inc, 130 High St, Boston 10, Mass
United States Stoneware Co, P O Box 350, Akron, Ohio
Weisbach Corp, 1500 Walnut St, Phila 2, Pa

LABORATORY FURNITURE

American Lab Furniture Co, 2121 W Kenmere Ave, Burbank, Cal
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kewaunee Mfg Co, Adrian, Mich
Laboratory Furniture Co, P O Box 590, Mineola, N Y
Metalab Equipment Corp, Hicksville, L I, N Y

LAMPS, MERCURY VAPOR

Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

LAMPS, SODIUM, ELECTRIC

Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J

LARRIES, WEIGH

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

LEAD (SHEET, SHAPES, ETC.)

Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Federated Metals Div, 120 Broadway, N Y 5
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United States Stoneware Co, P O Box 350, Akron, Ohio

LEGGINGS, ACID-PROOF

American Optical Co, Southbridge, Mass
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa

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Dorr Co Engrs, Barry Pl, Stamford, Conn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa

LINERS, BARREL

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Cincinnati Industries, 306 Carthage Ave, Lockland, Cincinnati 15, Ohio
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Pelamay Products, 112 4 Ave, N Y 3
Protective Lining Corp, 149 Waverly Pl, N Y 14
United States Rubber Co, 1230 Ave of the Americas, N Y 20

LINERS, DRUM

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Cincinnati Industries, 306 Carthage Ave, Lockland, Cincinnati 15, Ohio
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Glidden Co, 11001 Madison Ave, Cleveland 2, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Pelamay Products, 112 4 Ave, N Y 3
Protective Lining Corp, 149 Waverly Pl, N Y 14
United Chromium, 100 E 42 St, N Y 17
United States Rubber Co, 1230 Ave of the Americas, N Y 20

LINERS, DRUM, POLYETHYLENE

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Enley Products, 254 Pearl St, N Y 38
Equitable Paper Bag Co, 45-50 Van Dam St, L I C, N Y
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Pelamay Products, 112 4 Ave, N Y 3
Protective Lining Corp, 149 Waverly Pl, N Y 14
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
Wickwire Div, Sterling St, Clinton, Mass

LINERS, GRINDING MILL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Arkell Safety Bag Co, 16 E 40 St, N Y 16
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hardinge Co, 240 Arch St, York, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

LINERS, POLYETHYLENE

Arkell Safety Bag Co, 16 E 40 St, N Y 16
Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Enley Products, 254 Pearl St, N Y 38
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Mehl Mfg Co, 2057 Reading Rd, Cincinnati 2, Ohio
Pelamay Products, 112 4 Ave, N Y 13
Protective Lining Corp, 149 Waverly Pl, N Y 14

LININGS, ACID OR ALKALI RESISTING

American Anode Div, 60 Cherry St, Akron 8, Ohio
American Hard Rubber Co, 93 Worth St, N Y 13
Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Arkell Safety Bag Co, 16 E 40 St, N Y 16
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Cellcote Co, 4832 Ridge Rd, Cleveland, Ohio
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Glidden Co, 11001 Madison Ave, Cleveland 2, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
H N Hartwell & Son, Inc, 947 Park Square Building, Boston, Mass
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Protective Lining Corp, 149 Waverly Pl, N Y 14
Prufcoat Labs, 63 Main St, Cambridge 42, Mass
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United Chromium, 100 E 42 St, N Y 17
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

LININGS, NEOPRENE

American Anode Div, 60 Cherry St, Akron 8, Ohio
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Carboline Co, 331 Thornton Ave, St Louis 19, Mo
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

LININGS, POLYETHYLENE

Aqua-Therm, Inc, 39 N Torrence St, Dayton, Ohio
Arkell Safety Bag Co, 16 E 40 St, N Y 16
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa



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Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Mehl Mfg Co, 2057 Reading Rd, Cincinnati 2, Ohio
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Pelamay Products, 112 4 Ave, N Y 3
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Protective Lining Corp, 149 Waverly Pl, N Y 14

LININGS, REFRACTORY

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Babcock & Wilcox Co, 161 E 42 St N Y 17
Carborundum Co, Refractories Div, Perth Amboy, N J
Corhart Refractories Co, 1660 W Lee St, Louisville 10, Ky
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Norton Co, 1 New Bond St, Worcester 6, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio

LININGS, RUBBER

American Anode Div, 60 Cherry St, Akron 8, Ohio
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Cellcote Co, 4832 Ridge Rd, Cleveland, Ohio
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

LININGS, SARAN

Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Kennedy Car Liner & Bag Co, Shelbyville, Ind
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Protective Lining Corp, 149 Waverly Pl, N Y 14
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich

LININGS, TANK, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

LININGS, TANK, SOFT RUBBER

American Anode Div, 60 Cherry St, Akron 8, Ohio
American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

LININGS, VINYL

Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
Aqua-Therm, Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Carboline Co, 331 Thornton Ave, St Louis 19, Mo
Cellcote Co, 4832 Ridge Rd, Cleveland, Ohio
Central States Paper & Bag Co, 5221 Natural Bridge, St Louis 15, Mo
Glidden Co, 11001 Madison Ave, Cleveland 2, Ohio
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Kennedy Car Liner & Bag Co, Shelbyville, Ind
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Petra Mfg Co, 1335 N Wells St, Chicago 10, Ill
Protective Lining Corp, 149 Waverly Pl, N Y 14
Prufcoat Labs, 63 Main St, Cambridge 42, Mass
United Chromium, 100 E 42 St, N Y 17
United States Stoneware Co, 60 E 42 St, N Y 17

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Erlez Mfg Co, 217 State St, Erie, Pa

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Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
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Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Lunkenheimer Co, P O Box 360 GG, Cincinnati 14, Ohio
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D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

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De Laval Separator Co, Poughkeepsie, N Y
Farval Corp, 3249 E 80 St, Cleveland 4, Ohio
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Farval Corp, 3249 E 80 St, Cleveland 4, Ohio
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa

LUBRICATING SYSTEMS, CENTRAL

De Laval Separator Co, Poughkeepsie, N Y
Farval Corp, 3249 E 80 St, Cleveland 4, Ohio
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo

LUBRICATING SYSTEMS, ELECTRICALLY OPERATED

Farval Corp, 3249 E 80 St, Cleveland 4, Ohio
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo

LUBRICATING SYSTEMS, HAND OPERATED

Farval Corp, 3249 E 80 St, Cleveland 4, Ohio
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo

LUBRICATORS, AUTOMATIC

De Laval Separator Co, Poughkeepsie, N Y
Elliott Co, P O Box 427, Newark, N J
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

MACHINERY, COAL HANDLING

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chain Belt Co, Milwaukee 1, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Frank G Hough Co, Libertyville, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

MACHINERY, FLOTATION

Denver Equipment Co, 1400 17 St, Denver, Col
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
McNally Pittsburg Mfg Corp. Pittsburg, Kan
United States Hoffman Machy Corp, 105 4 Ave, N Y 3

MACHINERY, GLUING

MRM Co, 191-3 Berry St, Bklyn 11, N Y
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

MACHINERY, INK MIXING

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Baker Perkins, 1000 Hess St, Saginaw, Mich
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Machy Co, Parsons Bldg, Troy, Pa

MACHINERY, PAINT MIXING

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Mach & Foundry Co, 511 5 Ave, N Y 17
Baker Perkins, 1000 Hess St, Saginaw, Mich
Chemicolloid Labs, 30 Church St, N Y 7
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Machy Co, Parsons Bldg, Troy, Pa

MACHINERY, PASTE MIXING

American Mach & Foundry Co, 511 5 Ave, N Y 17
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Conn & Co, 11 S Marion St, Warren, Pa
Cornell Machine Co, 99 Wall St, N Y 5
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal

Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Tri-Home Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Machv Co, Parsons Bldg, Troy, Pa

MACHINES, GLASS LABELING

MRM Co, 191-3 Berry St, Bklyn 11, N Y
Scientific Filter Co, 76 Rose St, N Y 38

MAGNETS

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Carboloy Dept, Gen Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Crucible Steel Co of America, 405 Lexington Ave, N Y 17
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Dings Magnetic Separator Co, 4740 W Electric Ave, Milwaukee 46, Wis
Erlez Mfg Co, 217 State St, Erie, Pa
Laboratory Equipment Corp, St Joseph, Mich
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MANHOLES

Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

MANOMETERS

Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Hastings Instrument Co, Super Hwav at Pine Ave, Hampton, Va
Infilco, Inc, P O Box 5033, Tucson, Ariz
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Owens-Illinois Glass Co, Toledo 1, Ohio
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MANOMETERS, U-TYPE

Builders-Providence, 345 Harris Ave, Providence, R I
Infilco, Inc, P O Box 5033, Tucson, Ariz
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal

MANOSTATS

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

MASKS, DUST, FUME, GAS, SMOKE, ETC.

Acme Protection Equipment Co, 3037 W Lake St, Chicago 12, Ill
American Optical Co, Southbridge, Mass
Martindale Elec Co, 1375 Hird Ave, Cleveland 7, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Safety Clothing & Equipment Co, 1990 E 69 St, Cleveland 3, Ohio
Willson Prod, Reading, Pa

MATERIALS, CONSTRUCTION

Anti-Hydro Waterproofing Co, 265-277 Badger Ave, Newark 8, N J
Carboline Co, 7603 Forsyth, St Louis 5, Mo
Carborundum Co, Refractories Div, Perth Amboy, N J
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Revere Copper & Brass, 230 Park Ave, N Y 17
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
United States Stoneware Co, P O Box 350, Akron, Ohio

MATERIALS HANDLING EQUIPMENT

Baker-Raulang Co, 1250 W 80 St, Cleveland 2, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buda Co, 154 & Commercial Ave, Harvey, Ill
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Chain Belt Co, Milwaukee 1, Wis
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Dempster Bros, Springdale Ave, Knoxville 17, Tenn
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
B F Goodrich Co, 500 S Main St, Akron, Ohio
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Frank G Hough Co, Libertyville, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill
Read Standard Corp, York, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Robinson Air-Activated Convevor Systems Div, 205 E 42 St, N Y 17
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Roura Iron Works, 1401 Woodland, Detroit 11, Mich
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Syntron Co, 422 Lexington Ave, Homer City, Pa
Thomas Truck & Caster Co, 70 Mississippi River, Keokuk, Iowa
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Rd Machy Co, Kingston, N Y
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis
Wright Hoist Div, American Chain & Cable Co, York, Pa

MEASURES, GLASS

Corning Glass Works, Corning, N Y

MEASURING DEVICES, THICKNESS

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Branson Instruments, 430 Fairfield Ave, Stamford, Conn
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Electric Eye Equipment Co, 6 W Fairchild St, Danville, Ill
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Industrial Nucleonics Corp, 1205 Chesapeake Ave, Columbus 12, Ohio
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
Stocker & Yale, 40 Green St, Marblehead, Mass
Tracerlab, Inc, 130 High St, Boston 10, Mass
United Engrs, 824 E 6 St, Tulsa, Okla

MEMBRANES, ACID & ALKALI PROOF

Amercoat Corp, 4809 Firestone Blvd, S Gate, Cal
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Carboline Co, 331 Thornton Ave, St Louis 19, Mo
Celcote Co, 4832 Ridge Rd, Cleveland, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
H M Sawyer & Son Co, 20 Thorndike St, Cambridge 41, Mass
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
United States Stoneware Co, 60 E 42 St, N Y 17

METERS, BOILER PERFORMANCE

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Hays Corp, E 8 St, Michigan City, Ind
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Neptune Meter Co, 50 W 50 St, N Y 20
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill

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METERS, CARBON

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
E Leitz Inc, 498 4 Ave, N Y 16

METERS, ELECTRICAL

Bristol Co, Waterbury 20, Conn
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Electro-Physics Co, 287 Broadway, N Y 7
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
United States Gauge Div, Clymer Ave, Sellersville, Pa
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

METERS, ELECTRONIC AREA

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

METERS, FLOW

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hays Corp, E 8 St, Michigan City, Ind
Henszey Co, Watertown, Wis
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Infilco, Inc, P O Box 5033, Tucson, Ariz
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa

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METERS, FLOW continued

% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

METERS, GAS

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

METERS, INTEGRATING

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Buffalo Meter Co, 2917 Main St, Buffalo 14, N Y
Builders-Providence, 345 Harris Ave, Providence, R I
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hays Corp, E 8 St, Michigan City, Ind
Henszey Co, Watertown, Wis
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

METERS, MOISTURE

Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Moisture Register Co, 1510 W Chestnut St, Alhambra, Cal
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J

METERS, ORIFICE

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Meriam Instrument Co, 10920 Madison Ave, Cleveland 2, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave. Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

METERS, OXYGEN

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Builders-Providence, 345 Harris Ave, Providence, R I
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Hays Corp, E 8 St, Michigan City, Ind
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

METERS, pH

Analytical Measurements, 585 Main St, Chatham, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Beckman Instruments, 820 Mission St, S Pasadena 61, Cal
Bristol Co, Waterbury 20, Conn
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Photovolt Corp, 95 Madison Ave, N Y 16
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

METERS, RADIATION

Beckman Instruments, 820 Mission St, S Pasadena 1, Cal
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Tracerlab, Inc, 130 High St, Boston 10, Mass

METERS, SEWAGE

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Hays Corp, E 8 St, Michigan City, Ind
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa

METERS, TELEMETERING

American Meter Co, 1513 Race St, Phila 2, Pa
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
United States Gauge Div, Clymer Ave, Sellersville, Pa
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

METERS, VENTURI

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

METERS, VOLUMETRIC

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Buffalo Meter Co, 2917 Main St, Buffalo 14, N Y
Builders-Providence, 345 Harris Ave, Providence, R I
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Neptune Meter Co, 50 W 50 St, N Y 20
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

METERS, WATER

Belgian Elec Sales Corp, 1 E 53 St, N Y
Buffalo Meter Co, 2917 Main St, Buffalo 14, N Y
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Neptune Meter Co, 50 W 50 St, N Y 20
Read Standard Corp, York, Pa

Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

MICROBURET

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

MICROPHOTOMETERS, RECORDING

Applied Research Labs, 3717 Park Pl, Glendale 8, Cal
Baird Associates, 33 University Rd, Cambridge 38, Mass
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa

MICROSCOPES

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz, Inc, 468 4 Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

MICROSCOPES, POLARIZING

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz, Inc, 468 4 Ave, N Y 16

MILLS, ATTRITION

Abbe Engrg Co, 50 Church St, N Y 7
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Hardinge Co, 240 Arch St, York, Pa
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mercer-Robinson Co, 30 Church St, N Y
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J

MILLS, BALL

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Emil Greiner Co, 20-26 N Moore St, N Y 13
Hardinge Co, 240 Arch St, York, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa
United States Stoneware Co, 60 E 42 St, N Y 17

MILLS, BATCH, CONTINUOUS

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Chemicolloid Labs, 30 Church St, N Y 7
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Hardinge Co, 240 Arch St, York, Pa
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

MILLS, BURR

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

MILLS, CHASER

Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MILLS, COLLOID

Chemicolloid Labs, 30 Church St, N Y 7
Cornell Mach Co, 99 Wall St, N Y 5
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

MILLS, DISK

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Mercer-Robinson Co, 30 Church St, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

MILLS, DRY-COLOR

Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MILLS, FLAKING

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MILLS, GRINDING

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Chemicolloid Labs, 30 Church St, N Y 7
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Hardinge Co, 240 Arch St, York, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mercer-Robinson Co, 30 Church St, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
United States Stoneware Co, 60 E 42 St, N Y 17
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

MILLS, HAMMER

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

MILLS, HOG

American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

MILLS, INK

J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

MILLS, JACKETED BALL

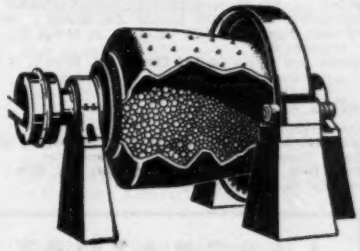
Paul O Abbe, 273 Center Ave, Little Falls, N J
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

MILLS, JAR

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
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Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Chemicolloid Labs, 30 Church St, N Y 7
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
United States Stoneware Co, 60 E 42 St, N Y 17
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

MILLS, PAINT

Paul O Abbe, 273 Center Ave, Little Falls, N J
Chemicolloid Labs, 30 Church St, N Y 7
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

MILLS, PASTE

Paul O Abbe, 273 Center Ave, Little Falls, N J
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Cornell Mach Co, 99 Wall St, N Y 5
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Tri-Homo Corp, 50 Highland Ave, Salem, Mass
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

MILLS, PELLET

Abbe Engrg Co, 50 Church St, N Y 7
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

MILLS, PUG

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MILLS, ROD

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Hardinge Co, 240 Arch St, York, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa

MILLS, ROLLER

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn

MILLS, STONE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Morehouse Industries, 1156 San Fernando Rd, Los Angeles 65, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tri-Homo Corp, 50 Highland Ave, Salem, Mass

MILLS, TUBE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Hardinge Co, 240 Arch St, York, Pa
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Traylor Engrg & Mfg Co, Allentown, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

MILLS, TUMBLING

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Hardinge Co, 240 Arch St, York, Pa
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

MIXERS, AIR DRIVEN

Conn & Co, 11 S Marion St, Warren, Pa
Eastern Industries, 296 Elm St, New Haven 6, Conn
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y

MIXERS, ANGULAR

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Eastern Industries, 296 Elm St, New Haven 6, Conn
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, BATCH

Paul O Abbe, 273 Center Ave, Little Falls, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Mach & Foundry Co, 511 5 Ave, N Y 17
Baker Perkins, 1000 Hess St, Saginaw, Mich
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Conn & Co, 11 S Marion St, Warren, Pa
Construction Machy Co, Box 120, Waterloo, Iowa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Prater Pulverizer Co, 1515 S 55 Court, Chicago 50, Ill
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Stephens-Adamson Mfg Co, Rideoway Ave, Aurora, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
M H Treadwell Co, 140 Cedar St, N Y 6
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Worthington Corp, Worthington Ave, Harrison, N J

MIXERS, CAGE BEATER

Alsop Engrg Corp, 530 Center St, Millidale, Conn
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MIXERS, CHANGE CAN

Abbe Engrg Co, 50 Church St, N Y 7
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Baker Perkins, 1000 Hess St, Saginaw, Mich
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa

MIXERS, CONE

Chemicolloid Labs, 30 Church St, N Y 7
Mercer-Robinson Co, 30 Church St, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MIXERS, CONTINUOUS

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Mach & Foundry Co, 511 5 Ave, N Y 17
Baker Perkins, 1000 Hess St, Saginaw, Mich
Barber-Greene Co, 631 W Park Ave, Aurora, Ill
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Chemicolloid Labs, 30 Church St, N Y 7
Conn & Co, 11 S Marion St, Warren, Pa
Cornell Mach Co, 99 Wall St, N Y 5
Denver Equipment Co, 1400 17 St, Denver, Col
Eastern Industries, 296 Elm St, New Haven 6, Conn
Entoleter Div, P O Box 904, New Haven 4, Conn
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
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Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal

MIXERS, DISC

American Mach & Foundry Co, 511 5 Ave, N Y 17
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Cornell Mach Co, 99 Wall St, N Y 5
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Charles Ross & Son Co, 152 Classen Ave, Bklyn 5, N Y

MIXERS, DRY POWDER

Paul O Abbe, 273 Center Ave, Little Falls, N J
Baker Perkins, 1000 Hess St, Saginaw, Mich
Chemical Enqrg Service, 1640 Crooks St, Green Bay, Wis
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Entoleter Div, Safety Car Heating & Lighting Co, P O Box 904, New Haven, Conn
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mercer-Robinson Co, 30 Church St, N Y
Munson Mill Machy Co, 210 Seward Ave, Utica 1, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington Blvd, Chicago 6, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
United States Stoneware Co, 60 E 42 St, N Y 17
Worthington Corp, Worthington Ave, Harrison, N J

MIXERS, GAS AIR

Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Cutler-Hammer Co, 524 N 12 St, Milwaukee 1, Wis
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind

MIXERS, GATE

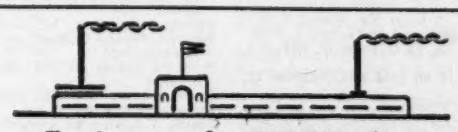
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Eastern Industries, 296 Elm St, New Haven 6, Conn
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y

MIXERS, HEATED, STEAM JACKETED

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Alsop Engrg Corp, 530 Center St, Milldale, Conn
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Rietz Mfg Co, 150 Todd Rd, Santa Rosa, Cal
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, LABORATORY

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Alsop Engrg Corp, 530 Center St, Milldale, Conn
Baker Perkins, 1000 Hess St, Saginaw, Mich
Brookfield Engrg Labs, 240 Cushing St, Stoughton, Mass
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Eastern Industries, 296 Elm St, New Haven 6, Conn
Fliter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Emil Greiner Co, 20-26 N Moore St, N Y 13
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Omega Mach Co, 345 Harris Ave, Providence, R I
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Troy Engine & Mach Co, Parsons Bldg, Troy, Pa



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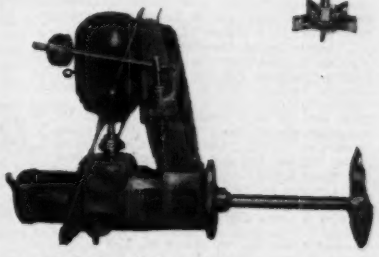
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More than 30 models, from ⅙ to 3 HP, Electric and air motor types. Direct-drive and gear-drive mixers for every application. Fully described in Catalog B-75.



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Propeller, paddle and turbine types. Sizes ¼ to 500 HP. Included are new Series "E" Lightnin Mixers with up to 16 interchangeable speeds in standard gear reducer. For details, request Catalog B-105 (complete line); Catalog B-103 (propeller types only); Catalog B-102 (paddle and turbine types).



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For tanks to 5 million gallons capacity. Sizes 1 to 25 HP. Gear-drive; V-belt drive. Request Catalog B-104.

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Precision built Lightnin Mixers for laboratories and small-batch production. Electric or air driven. Request Bulletin DH-50.

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MIXERS, LIQUID

Abbe Engrg Co, 50 Church St, N Y 7
Paul O Abbe, 273 Center Ave, Little Falls, N J
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Mach & Foundry Co, 511 5 Ave, N Y 17
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, PADDLE

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mercer-Robinson Co, 30 Church St, N Y
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington Blvd, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill

MIXERS, PAN

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Worthington Corp, Worthington Ave, Harrison, N J

MIXERS, PORTABLE

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Construction Machy Co, Box 120, Waterloo, Iowa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
F R Hormann & Co, 17 Stone St, Newark 4, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill

MIXERS, PRESSURE AND VACUUM

Abbe Engrg Co, 50 Church St, N Y 7
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Conn & Co, 11 S Marion St, Warren, Pa
Cornell Mach Co, 99 Wall St, NY 5
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Schutte & Koerting Co, Cornwells Heights, Buck Co, Pa
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, PROPELLER

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Conn & Co, 11 S Marion St, Warren, Pa
Eastern Industries, 296 Elm St, New Haven 6, Conn
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill

MIXERS, RADIAL PROPELLER

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa

MIXERS, REVOLVING DRUM

Paul O Abbe, 273 Center Ave, Little Falls, N J
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
M H Treadwell Co, 140 Cedar St, N Y 6
Worthington Corp, Worthington Ave, Harrison, N J

MIXERS, RIBBON

Paul O Abbe, 273 Center Ave, Little Falls, N J
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Arthur Colton Co, 3400 E Lafayette Ave, Detroit 7, Mich
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Mercer-Robinson Co, 30 Church St, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, RUBBER-LINED

Paul O Abbe, 273 Center Ave, Little Falls, N J
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Baker Perkins, 1000 Hess St, Saginaw, Mich
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Mercer-Robinson Co, 30 Church St, N Y
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Simpson Mix Muller Div, 549 W Washington Blvd, Chicago 6, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, SIDE-ENTERING

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Conn & Co, 11 S Marion St, Warren, Pa
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, SLURRY

American Mach & Foundry Co, 511 5 Ave, N Y 17
Dorr Co, Engrs, Barry Pl, Stamford, Conn
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Infilco, Inc, P O Box 5033, Tucson, Ariz
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Mixing Equipment Co, 139 Mt Read Blvd, Rochester, N Y
National Foam System, Union & Adams Sts, W Chester, Pa
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa

MIXERS, STEAM AND WATER

Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Sarco Co, 350 5 Ave, N Y 1
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa

MIXERS, TOP ENTERING

Abbe Engrg Co, 50 Church St, N Y 7
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Conn & Co, 11 S Marion St, Warren, Pa
Eastern Industries, 296 Elm St, New Haven 6, Conn
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J

Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, TUMBLING

Abbe Engrg Co, 50 Church St, N Y 7
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Mercer-Robinson Co, 30 Church St, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Worthington Corp, Worthington Ave, Harrison, N J

MIXERS, TURBINE

Abbe Engrg Co, 50 Church St, N Y 7
Alsop Engrg Corp, 530 Center St, Milldale, Conn
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
W J Fitzpatrick Co, 1001 W Washington Blvd, Chicago 7, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MIXERS, VACUUM

Abbe Engrg Co, 50 Church St, N Y 7
Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Cornell Mach Co, 99 Wall St, N Y 5
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Read Standard Corp, York, Pa
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Simpson Mix Muller Div, 549 N Washington Blvd, Chicago 6, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

MORTARS, HIGH TEMPERATURE

Carborundum Co, Refractories Div, Perth Amboy, N J
Harshaw Scientific Co, 1945 E 97 St, Cleveland 6, Ohio
Kaiser Aluminum & Chem Sales, 1924 Broadway, Oakland 12, Cal
North American Refractories Co, 1012 National City E 6 St Bldg, Cleveland 14, Ohio
Refractory & Insulation Corp, Wall St, N Y 5

MOTORS, A. C.

Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Electric Machy Mfg Co, 800 Central Ave, N E, Minneapolis 13, Minn
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Howell Elec Motors Co, 409 N Roosevelt, Howell, Mich
Leland Electric Co, Div American Machine & Foundry, 1501 Webster St, Dayton 1, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Moore Co, 800 S Missouri Ave, Marceline, Mo
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MOTORS, AIR

Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Elmco Corp, 640 S 4 West St, Salt Lake City, Utah
Gardner Denver Co, Quincy, Ill
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Ingersoll-Rand Co, 11 Broadway, N Y 4

MOTORS, D. C.

Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Leland Electric Co, Div, American Machine & Foundry, 1501 Webster St, Dayton 1, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MOTORS, ENCLOSED, FAN COOLED

Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Electric Machy Mfg Co, 800 Central Ave N E, Minneapolis 13, Minn
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Howell Elec Motors Co, 409 N Roosevelt, Howell, Mich
Leland Electric Co, Div, American Machine & Foundry, 1501 Webster St, Dayton 1, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MOTORS, EXPLOSION-PROOF

Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Howell Elec Motors Co, 409 N Roosevelt, Howell, Mich
Leland Electric Co, Div, American Machine & Foundry, 1501 Webster St, Dayton 1, Ohio
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MOTORS, SPLASH-PROOF

Louis Allis Co, 427 E Stewart St, Milwaukee 7, Wis
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Electric Machy Mfg Co, 800 Central Ave, N E, Minneapolis 13, Minn
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Howell Elec Motors Co, 409 N Roosevelt, Howell, Mich
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Peerless Elec Co, 1401 W Market St, Warren, Ohio
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

MOTORS, SYNCHRONOUS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Belgian Elec Sales Corp, 1 E 53 St, N Y
Century Elec Co, 1806 Pine St, St Louis 3, Mo
Continental Elec Co, 325 Ferry St, Newark 5, N J
Crocker Wheeler Div, Ampere, N J
Electric Mach Mfg Co, 800 Central Ave N E, Minneapolis 13, Minn
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Star-Kimble Motor Div, 200 Bloomfield Ave, Bloomfield, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

NEPHELOMETERS

Coleman Instruments, 318 Madison St, Maywood, Ill
Electric Eye Equipment Co, 6 W Fairchild St, Danville, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Photovolt Corp, 95 Madison Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

NITRATORS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
M H Treadwell Co, 140 Cedar St, N Y 6

NOZZLES, ATOMIZING

John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill

NOZZLES, BLAST CLEANING

American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
Norton Co, 1 New Bond St, Worcester 6, Mass
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md

NOZZLES, FOG

American-LaFrance-Foamite Corp, 130 E LaFrance St, Elmira, N Y
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill

NOZZLES, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill
United States Rubber Co, 1230 Ave of the Americas, N Y 20

NOZZLES, HUMIDIFYING

Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill

NOZZLES, MANHOLE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind

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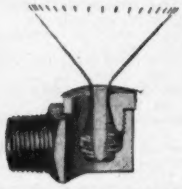
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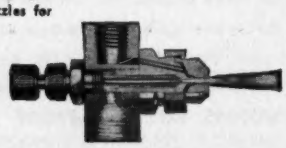




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Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill

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Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American-La-France-Foamite Corp, 130 E LaFrance St, Elmira, N Y
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Carboloy Dept, Gen Elec Co, 11177 E 8 Mile Rd, Detroit 32, Mich
Chain Belt Co, Milwaukee 1, Wis
Deister Mach Co, 1933 E Wayne St, Ft Wayne 4, Ind
Grinnell Co, 260 W Exchange St, Providence 1, R I
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spray Engrg Co, 114 Central St, Somerville, Mass
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill
Water Cooling Equipment Co, 8601 New Hampshire Ave, Affton Sta 23, Mo
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

NOZZLES, STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
United States Stoneware Co, 60 E 42 St, N Y 17

ORSAT APPARATUS

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill

OVENS, DRYING

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio



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Schmeig Industries, P O Box 4701, Detroit 34, Mich
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Trent Inc, 210 Leverington Ave, Phila 27, Pa

OVENS, ELECTRIC

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Trent Inc, 210 Leverington Ave, Phila 27, Pa

OVENS, LABORATORY

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Fostoria Pressed Steel Corp, N Main St, Fostoria, Ohio
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Trent Inc, 210 Leverington Ave, Phila 27, Pa

OVENS, TEMPERING AND TREATING

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Trent Inc, 210 Leverington Ave, Phila 27, Pa

OVENS, VACUUM

Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

OZONATORS

Welsbach Corp, 1500 Walnut St, Phila 2, Pa

PACKAGING, ACID-RESISTING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Cromwell Paper Co, 4801 S Whipple St, Chicago 32, Ill
Delaware Barrell & Drum Co, Eden Park Gardens, Wilmington, Del
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill

PACKAGING EQUIPMENT MACHINES

Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Counsel Mach Co, 8 Hathaway St, Wallington, N J
Frazier & Son, 338 Cortlandt St, Belleville, N J
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
MRM Co, 191-3 Berry St, Bklyn 11, N Y
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
St Regis Paper Co, 230 Park Ave, N Y 17
Scientific Filter Co, 76 Rose St, N Y 38
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Tite-Cap Mach Co, 59 Rose St, N Y 38
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

PACKERS, BAG

Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
E D Coddington Mfg Co, 5024 N 37 St, Milwaukee, Wis
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
International Paper Co, Bargpak Div, 220 E 42 St, N Y 17
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
St Regis Paper Co, 230 Park Ave, N Y 17
Syntron Co, 422 Lexington Ave, Homer City, Pa
Union Bag & Paper Corp, 233 Broadway, N Y 7

PACKERS, BARREL

B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
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Greene, Tweed & Co, N Wales, Pa
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PACKING, HYDRAULIC

Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 1800 Cuyler Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Hydraulic Press Mfg Co, Marion, Rd, Mt Gilead, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
J E Rhoads & Sons, 35 N 6 St, Phila 6, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PACKING, METALLIC

Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 1800 Cuyler Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
James K Harbinson & Co, 70 W Chippewa St, Buffalo 2, N Y
Hydraulic Press Mfg Co, Marion, Rd, Mt Gilead, Ohio
Johns-Manville, 22 E 40 St, N Y 16
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Otto H York Co, 69 Glenwood Pl, E Orange, N J

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Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 1800 Cuyler Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Hydraulic Press Mfg Co, Marion, Rd, Mt Gilead, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20

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Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Crane Packing Co, 1800 Cuyler Ave, Chicago 13, Ill
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Johns-Manville, 22 E 40 St, N Y 16
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PACKING, RUBBER

Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Greene, Tweed & Co, N Wales, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
E F Houghton & Co, 303 W Lehigh Ave, Phila 33, Pa
Hydraulic Press Mfg Co, Marion, Rd, Mt Gilead, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Rubber Div, Albert St, Youngstown 1, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

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Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Greene, Tweed & Co, N Wales, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
United States Stoneware Co, 60 E 42 St, N Y 17
Otto H York Co, 69 Glenwood Pl, E Orange, N J

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General Ceramics & Steatite Corp, Keasbey, N J
Greene, Tweed & Co, N Wales, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
United States Stoneware Co, 60 E 42 St, N Y 17
Otto H York Co, 69 Glenwood Pl, E Orange, N J

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Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Edward Valves, 1200 W 145 Ave, E Chicago, Ind
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Greene, Tweed & Co, N Wales, Pa
Johns-Manville, 22 E 40 St, N Y 16
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J

PAILS, FIBRE SHIPPING

Master Package Corp, Owen, Wis

PAILS, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
B F Goodrich Co, 500 S Main St, Akron, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PAILS, METAL

Acme Steel Drums Co, 560 Ferry St, Newark, N J
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Crown Can Co, H St & Erie Ave, Phila, Pa
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Geuder, Paeshke & Frey Co, 324 N 15 St, Milwaukee 1, Wis
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Ray Miller, Inc, 252 N 10 St, Newark, N J
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Rheem Mfg Co, 570 Lexington Ave, N Y 22
United States Steel Products Div, 30 Rockefeller Plaza, N Y 20
Vulcan Stamping & Mfg Co, P O Box 367-CW, Bellwood, Ill
Witt Cornice Co, 2118 Winchell Ave, Cincinnati 14, Ohio

PANS, CRYSTALLIZING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General Ceramics & Steatite Corp, Keabey, N J
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

PANS, MIXING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

PANS, STEAM-JACKETED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

PANS, VACUUM

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Goslin Birmingham Mfg Co, 3521 N 10 Ave, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Henszey Co, Watertown, Wis
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

PAPER, INSULATING

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Hollingsworth & Whitney Co, 60 Batterymarch St, Boston 2, Mass
Johns-Manville, 22 E 40 St, N Y 16
Kimberly-Clark Corp, Neenah, Wis
Reynolds Metals Co, 2000 S 9 St, Louisville 1, Ky

PASTEURIZERS

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Island Equipment Corp, 27-01 Bridge Plaza N, L I C 1, N Y
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

PERCOLATORS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

pH COLORIMETER

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Photovolt Corp, 95 Madison Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md
Wallace & Tiernan Co, Box 178, Newark, N J

pH CONTROL APPARATUS

Analytical Measurements, 585 Main St, Chatham, N J
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Beckman Instruments, 820 Mission St, S Pasadena 1, Cal
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J

Bristol Co, Waterbury 20, Conn
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md

pH MEASURING AND RECORDING INSTRUMENTS

Analytical Measurements, 585 Main St, Chatham, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Beckman Instruments, 820 Mission St, S Pasadena 1, Cal
Bristol Co, Waterbury 20, Conn
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Coleman Instruments, 318 Madison St, Maywood, Ill
Denver Equipment Co, 1400 17 St, Denver, Col
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Arklay S. Richard Co, 84 Winchester St, Newton Highlands 61, Mass.
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J

PHOTOMETERS

Baird Associates, 33 University Rd, Cambridge 38, Mass
Electro-Physics Co, 287 Broadway, N Y 7
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Photovolt Corp, 95 Madison Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

PHOTOMETERS, LIGHT TRANSMISSION

Applied Research Labs, 3717 Park Pl, Glendale 8, Cal
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Coleman Instruments, 318 Madison St, Maywood, Ill
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Photovolt Corp, 95 Madison Ave, N Y 16
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

PHOTOMICROGRAPHIC EQUIPMENT

Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
E Leitz, Inc, 468 4 Ave, N Y 16
Photovolt Corp, 95 Madison Ave, N Y 16
Stocker & Yale, 40 Green St, Marblehead, Mass
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

PILL MACHINERY

Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PIPE, ALUMINUM BRONZE

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Ray Miller Inc, 252 N 10 St, Newark, N J
Revere Copper & Brass, 230 Park Ave, N Y 17
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

PIPE, ASBESTOS CEMENT

Johns-Manville, 22 E 40 St, N Y 16

PIPE, BELL AND SPIGOT

James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio

PIPE, CLAY, VITRIFIED

Maurice A Knight, P O Box 111, Akron 6, Ohio
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
United States Stoneware Co, 60 E 42 St, N Y 17

PIPE, COPPER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Brass Co, 414 Meadow St, Waterbury 20, Conn
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Revere Copper & Brass, 230 Park Ave, N Y 17
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich

PIPE, FLANGED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Tri-Clover Mach Co, Kenosha, Wis
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PIPE, GLASS

Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Ray Miller, Inc, 252 N 10 St, Newark, N J
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa

PIPE, GLASS LINED

Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

PIPE, GRAPHITE

Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Ray Miller, Inc, 252 N 10 St, Newark, N J
National Carbon Co Div, 30 E 42 St, N Y 17

PIPE, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
B F Goodrich Co, 500 S Main St, Akron, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Ray Miller Inc, 252 N 10 St, Newark, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

PIPE, HEAT RESISTING

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Corning Glass Works, Corning, N Y
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ray Miller, Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Arklay S. Richard Co, 84 Winchester St, Newton Highlands 61, Mass.
Sentinel Glass Co, Box 58, Hatboro, Pa

PIPE, LEAD

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Federated Metals Div, 120 Broadway, N Y 5
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Ray Miller, Inc, 252 N 10 St, Newark, N J

PIPE, NICKEL AND NICKEL ALLOY

Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Industrial Process Enars, 8 Lister Ave, Newark 5, N J
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich

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Arklay S. Richard Co, 84 Winchester St, Newton Highlands 61, Mass
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17

PIPE, PLASTIC

Alpha Plastics, 14 Northfield Ave, W Orange, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
General Ceramics & Steatite Corp, Keasbey, N J
H N Hartwell & Co, Inc, 947 Park Square Building, Boston, Mass
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Ray Miller Inc, 252 N 10 St, Newark, N J
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Protective Lining Corp, 149 Waverly Pl, N Y 14
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Resistoflex Corp, 39 Plansaen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

PIPE, PORCELAIN

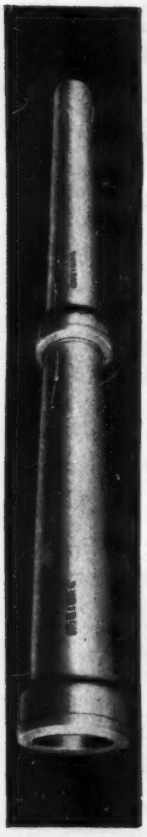
General Ceramics & Steatite Corp, Keasbey, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Arklay S. Richard Co, 84 Winchester St, Newton Highlands 61, Mass.
Rockels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

PIPE, RESIN-BONDED FIBERGLAS

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Chemical Corp, 64A Waltham Ave, Springfield 9, Mass
General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio

PIPE, RUBBER LINED

American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Gallgher Co, 545 W 8 South, Salt Lake City, Utah



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Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Ray Miller Inc, 252 N 10 St, Newark, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

PIPE, STAINLESS STEEL

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
Tri-Clover Mach Co, Kenosha, Wis

PIPE, STEAM JACKETED

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Flori Pipe Co, 5700 Bulwer Ave, St Louis 15, Mo
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

PIPE, STEEL

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Alco Products Div, Dunkirk, N Y
American Locomotive Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill

PIPE, STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

PIPE, WROUGHT IRON

Alco Products Div, Dunkirk, N Y
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
A M Byers Co, P O Box 1076, Pittsburgh 30, Pa
Crane Co, 836 S Michigan Ave, Chicago 5, Ill

PIPE COVERING, MAGNESIA

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Johns-Manville, 22 E 40 St, N Y 16
Pabco Products, 475 Brannan St, San Francisco 19, Cal
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J

PIPE, FITTINGS, ALLOY STEEL

Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Key Co, 2700 McCasland Ave, P O Box 494, E St Louis, Ill
Ladish Co, Cudahy, Wis
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 GreenLane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tri-Color Mach Co, Kenosha, Wis
Tube Turns, 224 E Broadway, Louisville 1, Ky
Weldgin Fittings Corp, Box 860, New Castle, Pa

PIPE, FITTINGS FORGED STEEL

Chiksan Co, 330 N Pomona Ave, Brea, Cal
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Ladish Co, Cudahy, Wis
A B Murray Co, 649 Green Lane, Elizabeth, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tube Turns, 224 E Broadway, Louisville 1, Ky
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

PIPE FITTINGS, IRON

A M Byers Co, P O Box 1076, Pittsburgh 30, Pa
Chiksan Co, 330 N Pomona Ave, Brea, Cal
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Stanley G Flagg & Co, 1421 Chestnut St, Phila 2, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Walworth Co, 60 E 42 St, N Y 17
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

PIPE, FITTINGS, LEAD LINED-FORGED STEEL

Federated Metals Div, 120 Broadway, N Y 5
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass

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H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Wakefield Industries, 5108 W Grove St, Skokie, Ill

PIPING, CORROSION RESISTING

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Chemical Corp, 54 Waltham Ave, Springfield 9, Mass
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Corning Glass Works, Corning, N Y
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Grinnell Co, 260 W Exchange St, Providence 1, R I
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Carbon Co Div, 30 E 42 St, N Y 17
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Tri-Clover Mach Co, Kenosha, Wis
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

PIPING, PRE-FABRICATED

American Locomotive Co, 30 Church St, N Y 8
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Dravo Corp, Dravo Bldg, 5 & Liberty Aves, Pittsburgh 22, Pa
Flori Pipe Co, 5700 Bulwer Ave, St Louis 15, Mo
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio

Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hell Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
A B Murray Co, 649 Green Lane, Elizabeth, N J
Ric-Wil Co, 1052 Union Commerce Bldg, Cleveland, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sentinel Glass Co, Box 58, Hatboro, Pa
Tri-Clover Mach Co, Kenosha, Wis
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Walworth Co, 60 E 42 St, N Y 17
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

PLANT EQUIPMENT, GENERAL

Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Electro Chem Engrg & Mfg Co, 760-A Broad St, Emmaus, Pa
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Mercer-Robinson Co, 30 Church St, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

PLANTS, ABSORPTION, HYDROCHLORIC ACID

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, ACID RECOVERY AND CONCENTRATION

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Construction Corp, 488 Madison Ave, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ozark-Mahoning Co, 310 W 6 St, Tulsa, Okla
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, BENZOL RECOVERY

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

PLANTS, CAUSTIC SODA

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Dorr Co Engrs, Barry Pl, Stamford, Conn
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, CHLORINE

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, DESIGN & CONSTRUCTION

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Dorr Co Engrs, Barry Pl, Stamford, Conn
Foster Wheeler Corp, 165 Broadway, N Y 6
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Lummus Co, 385 Madison Ave, N Y 17
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Sentinel Glass Co, Box 58, Hatboro, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Wigton-Abbott Corp, 1225 South Ave, Plainfield, N J
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

PLANTS, FERTILIZER

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Chemical Construction Corp, 488 Madison Ave, N Y
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
M W Kellogg Co, 225 Broadway, N Y 7
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass

PLANTS, GLYCERINE RECOVERY

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

PLANTS, HYDROCHLORIC ACID

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, NITRIC ACID

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Construction Corp, 488 Madison Ave, N Y
General Ceramics & Steatite Corp, Keasbey, N J
M W Kellogg Co, 225 Broadway, N Y 7
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

PLANTS, ORE CONCENTRATION

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Deister Mach Co, 1933 E Wayne St, Ft Wayne, Ind
Dorr Co Engrs, Barry Pl, Stamford, Conn
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
M H Treadwell Co, 140 Cedar St, N Y 6

PLANTS, OZONE GENERATING

Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Welsbach Corp, 1500 Walnut St, Phila 2, Pa

PLANTS, PACKAGE

Blaw-Knox Co, Farmers National Bank Bldg, Pittsburgh 22, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

PLANTS, PILOT

Autoclave Engrs, 860 E 19 St, Erie, Pa
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Welsbach Corp, 1500 Walnut St, Phila 2, Pa
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

PLANTS, POWER, STEAM

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Belgian Elec Sales Corp, 1 E 53 St, N Y
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

PLANTS, SOLVENT EXTRACTION

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh, Pa

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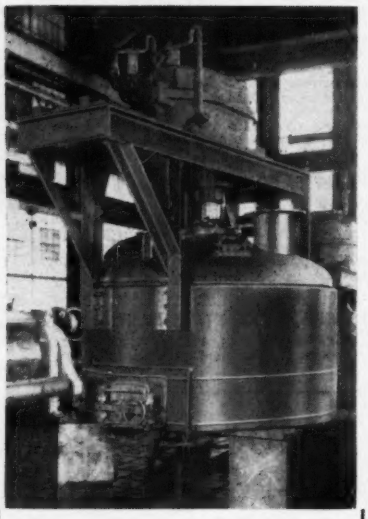
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BUFLOVAK maintains a Research and Testing Plant to assist customers in the solution of processing problems and to develop more efficient production methods and improved finished products. These facilities can save you time and money. Results are definite. Take advantage of these facilities and a highly specialized and experienced technical staff.

Send for Bulletin 362

BLAW-KNOX COMPANY
BUFLOVAK EQUIPMENT DIVISION
1579 Fillmore Ave., Buffalo 11, N. Y.

PLANTS, SOLVENT EXTRACTION cont'd

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
M W Kellogg Co, 225 Broadway, N Y 7
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill
Otto H York Co, 69 Glenwood Pl, E Orange, N J

PLANTS, SULFURIC ACID

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Construction Corp, 488 Madison Ave, N Y
Dorr Co Engrs, Barry Pl, Stamford, Conn
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

PLANTS, WATER CONDITIONING

Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Chemical Equipment Co of Cal, P O Box 3096, Terminal Annex, Los Angeles 54, Cal
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Infilco Inc, Box 5033, Tucson, Ariz
Permutit Co, 330 W 42 St, N Y 36
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Worthington Corp, Worthington Ave, Harrison, N J

PLASTIC MOLDED PARTS

Alpha Plastics, 14 Northfield Ave, W Orange, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Celluplastic Corp, 50 Ave L, Newark 5, N J
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Houghton Labs, 322 Bush St, Olean, N Y
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Plax Corp, P O Box 1019, Hartford, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

PLATING EQUIPMENT

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Hell Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hanson-Van Winkle-Munning Co, Matawan, N J
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PLATINUM LABORATORY WARE

Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

PLUGS FOR STEEL DRUMS

American Flange & Mfg Co Inc, 30 Rockefeller Plaza, N Y 20, N Y
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Ohio Corrugating Co, 917 Roanoke Ave S E, Warren, Ohio
Rieke Metal Products Corp, Auburn, Ind

PNEUMATIC DESPATCH SYSTEMS

Lamson Corp, Syracuse 1, N Y

PONDS, SPRAY

Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spray Engrg Co, 114 Central St, Somerville, Mass

PORCELAIN, ACID PROOF

General Ceramics & Steatite Corp, Keasbey, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
United States Stoneware Co, 60 E 42 St, N Y 17

PORCELAIN, LINING AND BALLS

Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
United States Stoneware Co, 60 E 42 St, N Y 17

PORCELAIN WARE

General Ceramics & Steatite Corp, Keasbey, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Stoneware Co, 60 E 42 St, N Y 17

POTENTIOMETERS

Baird Associates, 33 University Rd, Cambridge 38, Mass
Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Weston Elecl Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

POTS, HEATED, ELECTRICALLY

Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Patterson-Kelley Co, E Stroudsburg, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Trent Inc, 210 Leverington Ave, Phila 27, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

POTS, MELTING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Lukens Steel Co, Coatesville, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
M H Treadwell Co, 140 Cedar St, N Y 6
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

POTS, MIXING

Alsop Engrg Corp, 530 Center St, Milldale, Conn
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metal Glass Products Co, Belding, Mich
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

POTS, NITRATING

Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
General Ceramics & Steatite Corp, Keasbey, N J
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6

POWER HOUSE EQUIPMENT

J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Falstrom Co, 9 Falstrom Ct, Passaic, N J
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

POWER TRANSMISSION MACHINERY

American Flexible Coupling Co, 1801 Pittsburgh Ave, Erie 1, Pa
Chain Belt Co, Milwaukee 1, Wis
Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Dodge Mfg Corp, Mishawaka, Ind
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Revco Inc, 2 E Franklin Ave, Minneapolis 4, Minn
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Webster Mfg, 1175 W Hall St, Tiffin, Ohio
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

POWER UNITS, HYDRAULIC

Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Twin Disc Clutch Co, 1328 Racine St, Racine, Wis

PRECIPATORS, ELECTRIC

Research Corp, Bound Brook, N J
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

PECIPITATORS, ELECTRONIC

General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Koppers Co, Koppers Bldg, Pittsburgh 19, Pa
Research Corp, Bound Brook, N J
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

PREHEATERS

American Air Filter Co, 215 Central Ave, Louisville 8, Ky
American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
J E Doyle Co, 1220 W 6 St, Cleveland 13, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

PREHEATERS, AIR

American Locomotive Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
W S Rockwell Co, 200 Elliot St, Fairfield, Conn
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

PRESSES, BRIQUETTING

Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Iron Works, 730 S Main St, Wilkes-Barre, Pa

PRESSES, DEWATERING

V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich

PRESSES, DRAWING

Enterprise Engine & Machy Co, 18 & Florida Sts, San Francisco 10, Cal
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio

PRESSES, EXTRUDING

International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PRESSES, FILTER

Alsop Engrg Corp, 530 Center St, Milldale, Conn
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Independent Filter Press Co, 240 48 St, Bklyn 20, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Niagara Filter Div, 3080 Main St, Buffalo 14, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Republic Seitz Filter Corp, 17 Stone St, Newark 4, N J
T Shriver & Co, 874 Hamilton St, Harrison, N J
D R Sperry & Co, Batavia, Ill

PRESSES, HYDRAULIC

Anderson Bros Mfg Co, 1907 Kishwaukee St, Rockford, Ill
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PRESSES, LABORATORY

Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Parr Instrument Co, 211 53 St, Moline, Ill

PRESSES, MOLDING

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

PRESSES, TABLET MAKING

Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PRESSURE VESSELS

American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Fritz W Glitsch & Sons, P O Box 6227, Dallas 2, Tex
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Parr Instrument Co, 211 53 St, Moline, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Superior Combustion Industries, 1475 Broadway, N Y 18
M H Treadwell Co, 140 Cedar St, N Y 6
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

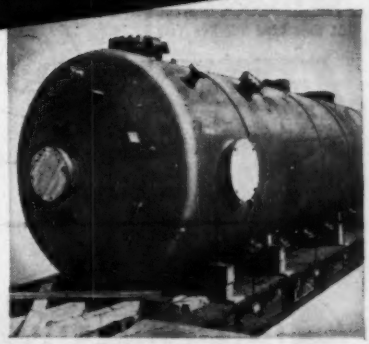
PROPORTIONERS, BOILER WATER

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Inflico Inc, Box 5033, Tucson, Ariz
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I

PSYCHROMETERS

Bristol Co, Waterbury 20, Conn
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio

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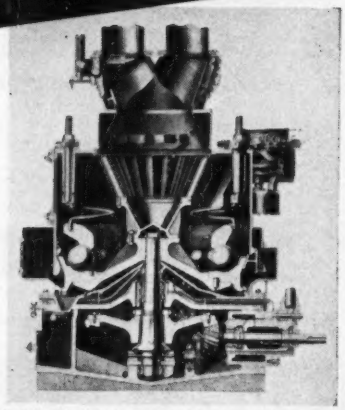
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United States Gauge Div, Clymer Ave, Sellersville, Pa
Weston Elecl Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

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Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Webster Mfg, 1175 W Hall St, Tiffin, Ohio

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Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Eriez Mfg Co, 217 State St, Erie, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Homer Mfg Co, 142 E Pearl St, Lima, Ohio
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis

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American Pulverizer Co, 1131 Macklind Ave, St Louis 10, Mo
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Foster Wheeler Corp, 165 Broadway, N Y 6
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Hardinge Co, 240 Arch St, York, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Pennsylvania Crusher Co, 1700 Liberty Trust Bldg, Phila 7, Pa
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

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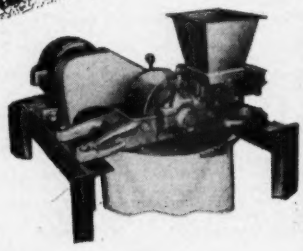
Aldrich Pump Co, Allentown, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Hard Rubber Co, 93 Worth St, N Y 13
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Beike Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chemical Engrg Srvice, 1640 Crooks St, Green Bay, Wis
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Galigher Co, 545 W 8 South, Salt Lake City, Utah
General Ceramics & Steatite Corp, Keasbey, N J
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
LaBour Co, Elkhart, Ind
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Nash Engrg Co, S Norwalk, Conn
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Oliver United Filters, 33 W 42 St, N Y 36
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Resisto Pipe & Valve Co, 260 Bridge St, Cambridge 41, Mass
Milton Roy Co, 1300 E Mermald Lane, Phila 18, Pa
Scientific Glass Aparatus Co, 100 Lakewood Terrace, Bloomfield, N J
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
M L Snyder & Son, 1810-70 Boston Ave, Phila 25, Pa
United States Stoneware Co, P O Box 350, Akron, Ohio
Vanton Pump Co, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
A R Wilfley & Sons, P O Box 2330, Denver 1, Col
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, ACID RESISTING

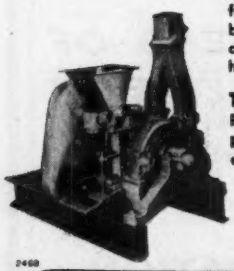
Aldrich Pump Co, Allentown, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American Hard Rubber Co, 93 Worth St, N Y 13
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Aurora Pump Co, 192 Loucks St, Aurora, Ill
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Beike Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Denver Equipment Co, 1400 17 St, Denver, Col
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Galigher Co, 545 W 8 South, Salt Lake City, Utah
General Ceramics & Steatite Corp, Keasbey, N J
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
LaBour Co, Elkhart, Ind
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
C M Lovsted & Co, 1001 N Main St, Los Angeles 12, Cal
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Nash Engrg Co, S Norwalk, Conn
National Carbon Co Div, 30 E 42 St, N Y 17
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Oliver United Filters, 33 W 42 St, N Y 36
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Resisto Pipe & Valve Co, 260 Bridge St, Cambridge 41, Mass
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Worthington Corp, Worthington Ave, Harrison, N J

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Nash Engrg Co, S Norwalk, Conn
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill

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Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hills-McCanna, 3025 N Western Ave, Chicago 18, Ill
Byron Jackson Co, P O Box 2017, Terminal Annex, Los Angeles 54, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

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DeLaval Steam Turbine Co, Trenton 2, N J
Gilbert & Barker Mfg Co, W Springfield, Mass
Gouids Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis

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Gouids Pumps, 200 Fall St, Seneca Falls, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Vanton Pump Corp, 350 5 Ave, N Y

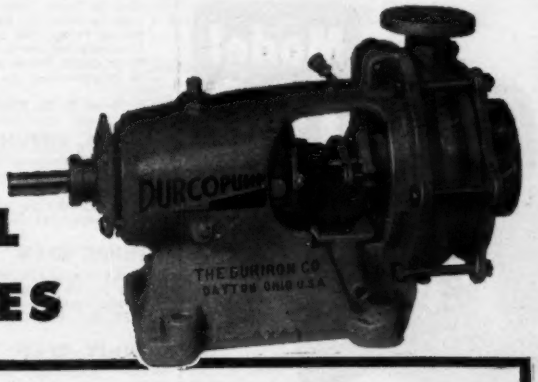
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Gouids Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
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Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass

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Aldrich Pump Co, Allentown, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chain Belt Co, Milwaukee 1, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Construction Machy Co, Box 120, Waterloo, Iowa
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Galigher Co, 545 W 8 South, Salt Lake City, Utah
General Ceramics & Steatite Corp, Keasbey, N J
Gilbert & Barker Mfg Co, W Springfield, Mass
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Ingersoll-Rand Co, 11 Broadway, N Y
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Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
LaBour Co, Elkhart, Ind
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Lecourtney Co, 5 Main St, Newark, N J
C M Lovsted & Co, 1001 N Main St, Los Angeles 12, Cal
Marlow Pumps, Box 566, Ridgewood, N J
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
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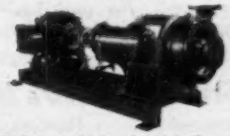
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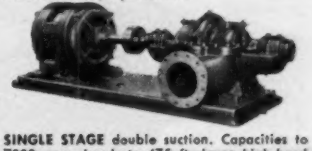
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Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
A R Wilfley & Sons, P O Box 2330, Denver 1, Col
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

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Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Denver Equipment Co, 1400 17 St, Denver, Col
General Ceramics & Steatite Corp, Keasbey, N J
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

PUMPS, CONDENSATION

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Deming Co, Salem, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Foster Wheeler Corp, 165 Broadway, N Y 6
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y 4
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Nash Engrg Co, S Norwalk, Conn
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Trane Co, 3 & Cameron, La Crosse, Wis
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS CONTROLLED, VOLUME

John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Komline-Sanderson Engrg Corp, Peapack, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Oliver United Filters, 33 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
Vanton Pump Corp, 350 5 Ave, N Y

PUMPS, DEWATERING

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chain Belt Co, Milwaukee 1, Wis
Construction Machy Co, Box 120, Waterloo, Iowa
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Marlow Pumps, Box 566, Ridgewood, N J
Nash Engrg Co, S Norwalk, Conn
Oliver United Filters, 33 W 42 St, N Y 36
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, DIAPHRAGM

Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chain Belt Co, Milwaukee 1, Wis
Construction Machy Co, Box 120, Waterloo, Iowa
DeLaval Steam Turbine Co, Trenton 2, N J
Dorr Co Engrs, Barry Pl, Stamford, Conn
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Marlow Pumps, Box 566, Ridgewood, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Oliver United Filters, 33 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
T Shriver & Co, 874 Hamilton St, Harrison, N J

PUMPS, DIFFUSION

Distillation Products Industries Div, Rochester 3, N Y
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

PUMPS, DRUM

Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo

PUMPS, GEAR

Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Geo D Roper Corp, 614 Blackhawk Park Ave, Rockford, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, GLASS

Nash Engrg Co, S Norwalk, Conn
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

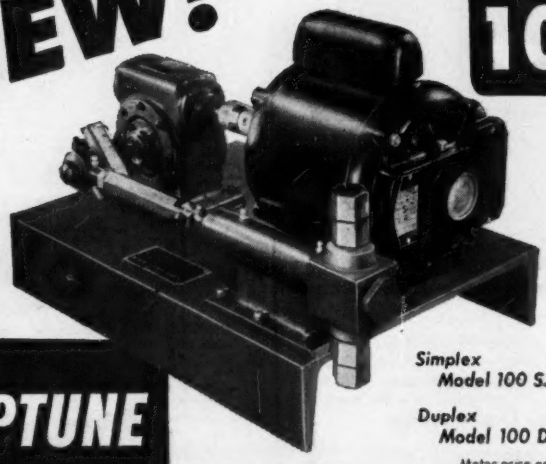
PUMPS, GLASS LINED

Pfaudler Co, 1000 West Ave, Rochester 3, N Y

PUMPS, GREASE

Alsop Engrg Corp, 530 Center St, Milldale, Conn
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass

NEW! Model 100



Simplex Model 100 S. $143.00

Duplex Model 100 D. $188.00

Motor price additional

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Simplex or Duplex
0-12 GPH
Pressures to 300 PSI

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Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Geo D Roper Corp, 614 Blackhawk Park Ave, Rockford, Ill
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

PUMPS, HAND

Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Deming Co, Salem, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gilbert & Barker Mfg Co, W Springfield, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo

PUMPS, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Ray Miller, Inc, 252 N 10 St, Newark, N J
Oliver United Filters, 33 W 42 St, N Y 36
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

PUMPS, HEAVY VISCOUS MATERIAL

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
DeLaval Steam Turbine Co, Trenton 2, N J
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Geo D Roper Corp, 614 Blackhawk Park Ave, Rockford, Ill
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Tri-Clover Mach Co, Kenosha, Wis
Vanton Pump Corp, 350 5 Ave, N Y
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Waterous Co, 80 E Fillmore Ave, St Paul 1, Minn
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, HIGH PRESSURE

Aldrich Pump Co, Allentown, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Autoclave Engrs, 860 E 19 St, Erie, Pa
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chemtech Products Corp, 62 William St, N Y 5
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cooper-Bessemer Corp, Mt Vernon, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Eastern Industries, 296 Elm St, New Haven 6, Conn
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 N E, Minneapolis 13, Minn
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Ingersoll-Rand Co, 11 Broadway, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Kobe Inc Div, 3040 E Slauson Ave, Huntington Park, Cal
Lawrence Pump & Engine Co, Canal & Marton Sts, P O Box 70, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, INSULATING COMPOUND

Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Geo D Roper Corp, 507 Blackhawk Park Ave, Rockford, Ill
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass

PUMPS, JACKETED

Aurora Pump Co, 192 Loucks St, Aurora, Ill
Ingersoll-Rand Co, 11 Broadway, N Y 4
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, JET, STEAM, AIR, WATER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aurora Pump Co, 192 Loucks St, Aurora, Ill
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Eastern Industries, 296 Elm St, New Haven, Conn
Elliott Co, Jeannette, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Gardner Denver Co, Quincy, Ill
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lecourtenay Co, 5 Main St, Newark, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Pa
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, LINED

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Engineer Co, 75 West St, N Y 6
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
General Ceramics & Steatite Corp, Keasbey, N J
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Ray Miller, Inc, 252 N 10 St, Newark, N J
Oliver United Filters, 33 W 42 St, N Y 36
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Trane Co, 3 & Cameron, La Crosse, Wis
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
A R Wilfley & Sons, P O Box 2330, Denver 1, Col

PUMPS, LIQUID

Alsop Engrg Corp, 530 Center St, Millidale, Conn
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Beach-Russ Co, 50 Church St, N Y 7
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Cooper-Bessemer Corp, Mt Vernon, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Eastern Industries, 296 Elm St, New Haven, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
LaBour Co, Elkhart, Ind
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Pump & Engine Co, Canal & Marton Sts, P O Box 70, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Marlow Pumps, Box 566, Ridgewood, N J
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Oliver United Fliters, 33 W 42 St, N Y 36
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Waterous Co, 80 E Fillmore Ave, St Paul 1, Minn
Waukesha Foundry Co, Waukesha, Wis
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, LUBRICANT

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, MIDGET

Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

PUMPS, NON-LUBRICATED

Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Eastern Industries, 296 Elm St, New Haven 6, Conn
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Nash Engrg Co, S Norwalk, Conn
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

PUMPS, OIL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
A W Cash Co, 540 N 18 St, Decatur, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Gardner Denver Co, Quincy, Ill
Gilbert & Barker Mfg Co, W Springfield, Mass
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Ingersoll-Rand Co, 11 Broadway, N Y 4
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Kobe Inc Div, 3040 E Slauson Ave, Huntington Park, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lecourtenay Co, 5 Main St, Newark, N J
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Marlow Pumps, Box 566, Ridgewood, N J
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Geo D Roper Corp, 614 Blackhawk Park Ave, Rockford, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, OPEN IMPELLER

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill

ACCURATE DELIVERY... for CHEMICAL PRODUCTS



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Flow settings on a WATEROUS Pump stay constant. Internal clearances are fixed . . . there is no metal to metal contact between rotors and housing. There is no aeration . . . no contamination of product. From start to stop, output volume stays the same.

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PUMPS, OPEN IMPELLER continued

Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
LaBour Co, Elkhart, Ind
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
C M Lovsted & Co, 1001 N Main St, Los Angeles 12, Cal
Marlow Pumps, Box 566, Ridgewood, N J
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, PISTON

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Cooper-Bessemer Corp, Mt Vernon, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Deming Co, Salem, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Kamline-Sanderson Engrg Corp, Peapack, N J
Kobe Inc Div, 3040 E Slauson Ave, Huntington Park, Cal
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, PLASTIC

General Ceramics & Steatite Corp, Keasbey, N J
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Kamline-Sanderson Engrg Corp, Peapack, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
A R Wilfley & Sons, P O Box 2330, Denver 1, Col
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Vanton Pump Corp, 350 5 Ave, N Y
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, PORTABLE

Alsop Engrg Corp, 530 Center St, Millidale, Conn
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chain Belt Co, Milwaukee 1, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Deming Co, Salem, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Komline-Sanderson Engrg Corp, Peapack, N J
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Marlow Pumps, Box 566, Ridgewood, N J
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, POWER ROTARY

Alsop Engrg Corp, 530 Center St, Millidale, Conn
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Komline-Sanderson Engrg Corp, Peapack, N J
Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Geo D Roper Corp, 614 Blackhawk Park Ave, Rockford, Ill
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Waterous Co, 80 E Fillmore Ave, St Paul 1, Minn
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, PUTTY

Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass

PUMPS, REAGENT

Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Oliver United Filters, 33 W 42 St, N Y 36
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa

PUMPS, RECIPROCATING

Aldrich Pump Co, Allentown, Pa
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Cooper-Bessemer Corp, Mt Vernon, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Deming Co, Salem, Ohio
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Kobe Inc Div, 3040 E Slauson Ave, Huntington Park, Cal
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, ROTARY VACUUM

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Alsop Engrg Corp, 530 Center St, Millidale, Conn
Beach-Russ Co, 50 Church St, N Y 7
Buffalo Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Denver Equipment Co, 1400 17 St, Denver, Col
Eastern Industries, 296 Elm St, New Haven, Conn
Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Fuller Co, Catasauqua, Pa
Gardner Denver Co, Quincy, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill
Nash Engrg Co, S Norwalk, Conn
Read Standard Corp, 370 Lexington Ave, N Y 17
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, RUBBER LINED

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Denver Equipment Co, 1400 17 St, Denver, Col
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Ray Miller, Inc, 252 N 10 St, Newark, N J
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
United States Rubber Co, 1230 Ave of the Americas, N Y 20
Vanton Pump Corp, 350 5 Ave, N Y
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
A R Wilfley & Sons, P O Box 2330, Denver 1, Col

PUMPS, SANITARY

Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Girdler Corp, 224 E Broadway, Louisville, Ky
Jabsco Pump Co, 2031 N Lincon St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Ray Miller, Inc, 252 N 10 St, Newark, N J
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Waterous Co, 80 E Fillmore Ave, St Paul 1, Minn
Waukesha Foundry Co, Waukesha, Wis

PUMPS, SCREW

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
DeLaval Steam Turbine Co, Trenton 2, N J
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass

PUMPS, SEALING COMPOUNDS

Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
James K Harbinson & Co, 70 W Chippewa St, Buffalo 2, N Y
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lincoln Engrg Co, 5701 Natural Bridge Blvd, St Louis 20, Mo
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass

PUMPS, SELF-PRIMING

Alsop Engrg Corp, 530 Center St, Millidale, Conn
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chain Belt Co, Milwaukee 1, Wis
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Construction Machy Co, Box 120, Waterloo, Iowa
Deming Co, Salem, Ohio
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gardner Denver Co, Quincy, Ill
Gilbert & Barker Mfg Co, W Springfield, Mass
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Komline-Sanderson Engrg Corp, Peapack, N J
LaBour Co, Elkhart, Ind
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Marlow Pumps, Box 566, Ridgewood, N J
Mechanical Products Corp, 168 N Ogden Ave, Chicago 7, Ill
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Penberthy Injector Co, 1242 Holden Ave, Detroit 2, Mich
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
Vanton Pump Corp, 350 5 Ave, N Y
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Waukesha Foundry Co, Waukesha, Wis
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, SEWAGE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Dorr Co Engrs, Barry Pl, Stamford, Conn
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Gardner Denver Co, Quincy, Ill
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Marlow Pumps, Box 566, Ridgewood, N J
Oliver United Filters, 33 W 42 St, N Y 36

Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
A R Wilfley & Sons, P O Box 2330, Denver, Col
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, SLURRY

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Aurora Pump Co, 192 Loucks St, Aurora, Ill
John Bean Div, Industrial Pump Dept, Box 840, Lansing, Mich
Bump Pump Co, 1830 West Ave S, LaCrosse, Wis
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Deming Co, Salem, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co, Engrs, Barry Pl, Stamford, Conn
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y 4
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Komline-Sanderson Engrg Corp, Peapack, N J
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
C M Lovsted & Co, 1001 N Main St, Los Angeles 12, Cal
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Marlow Pumps, Box 566 Ridgewood, N J
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Oliver United Filters, 33 W 42 St, N Y 36
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J
Sigmamotor, Inc, 3 N Main St, Middleport, N Y
Vanton Pump Corp, 350 5 Ave, N Y
A R Wilfley & Sons, P O Box 2330, Denver 1, Col
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, STEAM

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Gardner Denver Co, Quincy, Ill
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, STEAM JACKETED

Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Manton Gaulin Mfg Co, 44 Garden St, Everett 49, Mass
Milton Roy Co, 1300 E Mermaid Lane, Phila 18, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PUMPS, SUBMERSIBLE

Gardner Denver Co, Quincy, Ill
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, SUCTION

Construction Machy Co, Box 120, Waterloo, Iowa
Deming Co, Salem, Ohio
Gardner Denver Co, Quincy, Ill
Gray Co, 60 11 Ave N E, Minneapolis 13, Minn
Jabsco Pump Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Nash Engrg Co, S Norwalk, Conn
Oliver United Filters, 33 W 42 St, N Y 36
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Viking Pump Co, 4 & Whitney Sts, Cedar Falls, Iowa

PUMPS, SUMP

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Deming Co, Salem, Ohio
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y
Jabsco Pumps Co, 2031 N Lincoln St, Burbank, Cal
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Marlow Pumps, Box 566, Ridgewood, N J
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, TURBINE

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Deming Co, Salem, Ohio
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, VACUUM

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
American-Marsh Pump, 60 Capitol Ave N E, Battle Creek, Mich
Beach-Russ Co, 50 Church St, N Y 7
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Denver Equipment Co, 1400 17 St, Denver, Col
Distillation Products Industries Div, Rochester 3, N Y
Fuller Co, Catasauqua, Pa
Gardner Denver Co, Quincy, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Ingersoll-Rand Co, 11 Broadway, N Y
Jabsco Pump Co, 2031 N Burbank St, Burbank, Cal
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
Lammert & Mann Co, 1799 W Walnut St, Chicago, Ill
Nash Engrg Co, S Norwalk, Conn
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Oliver United Filters, 33 W 42 St, N Y 36
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Read Standard Corp, 370 Lexington Ave, N Y 17
Read Standard Corp, Blower-Stoker Div, Erie 6, Pa
Roots-Connersville Blower Div, 900 W Mount St, Connersville, Ind
Schutte & Koertine Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sigmamotor, Inc, 3 N Main St, Middeport, N Y
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Whittingon Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, VACUUM, MERCURY VAPOR

Croll Reynolds Co, 17 John St, N Y 38
Denver Equipment Co, 1400 17 St, Denver, Col
Distillation Products Industries Div, Rochester 3, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jabsco Pump Co, 2031 N Burbank St, Burbank, Cal
National Research Corp, 70 Memorial Dr, Cambridge, Mass
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

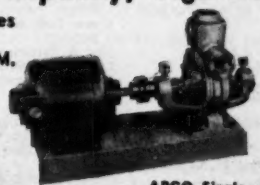
PUMPS, VERTICAL CENTRIFUGAL

Aldrich Pump Co, Allentown, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Alsop Engrg Corp, 530 Center St, Milldale, Conn
American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Deming Co, Salem, Ohio
Denver Equipment Co, 1400 17 St, Denver, Col

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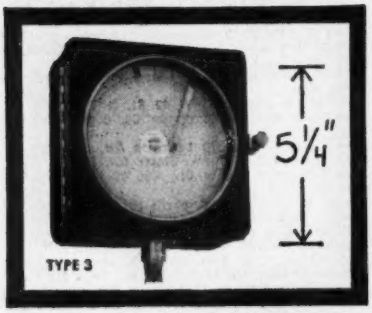
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Denver Equipment Co, 1400 17 St, Denver, Col
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gallgher Co, 545 W 8 South, Salt Lake City, Utah
Gardner Denver Co, Quincy, Ill
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Ingersoll-Rand Co, 11 Broadway, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Johnston Pump Co, 3272 E Foothill Blvd, Pasadena 8, Cal
LaBour Co, Elkhart, Ind
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Lawrence Pump & Engine Co, Canal & Marston Sts, P O Box 70, Lawrence, Mass
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Lecourtenay Co, 5 Main St, Newark, N J
Nagle Pumps, 1249 Center Ave, Chicago Heights, Ill
Neptune Pump Mfg Co, 4912 N 6 St, Phila 20, Pa
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J
Yeomans Bros Co, 1999 N Ruby St, Melrose Park, Ill

PUMPS, VOLUTE

American-Marsh Pumps, 60 Capitol Ave N E, Battle Creek, Mich
Aurora Pump Co, 192 Loucks St, Aurora, Ill
DeLaval Steam Turbine Co, Trenton 2, N J
Eastern Industries, 296 Elm St, New Haven 6, Conn
Easy Industries, 162 N Clinton St, Chicago 6, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Goulds Pumps, 200 Fall St, Seneca Falls, N Y
Byron Jackson Co, P O Box 2017 Terminal Annex, Los Angeles 54, Cal
Lecourtenay Co, 5 Main St, Newark, N J
C M Lovsted & Co, 1001 N Main St, Los Angeles 12, Cal
Lawrence Mach & Pump Corp, 371 Market St, Lawrence, Mass
Pacific Pumps, 5715 Bickett St, Huntington Park, Cal
Peerless Pump Div, 301 W Ave 26, Los Angeles 31, Cal
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Warren Steam Pump Co, 215 Bridges Ave, Warren, Mass
Worthington Corp, Worthington Ave, Harrison, N J

PYROMETERS

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taco West Corp, 525 N Noble St, Chicago 22, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J

QUARTZ APPARATUS & EQUIPMENT

Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
General Ceramics & Steatite Corp, Keasbey, N J
Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Laboratory Equipment Corp, St Joseph, Mich
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

QUARTZ APPARATUS & EQUIPMENT, FUSED

Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Corning Glass Works, Corning, N Y
Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Laboratory Equipment Corp, St Joseph, Mich

QUARTZ, FUSED

Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Corning Glass Works, Corning, N Y
Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio

REACTORS

American Locomotive Co, 30 Church St, N Y 8
Autoclave Engrs, 860 E 19 St, Erie, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bathlehem, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Girdler Corp, 224 E Broadway, Louisville 1, Ky
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Stainless & Steel Products Co, 1000 Berry Ave, St Paul 14, Minn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

RECLAIMERS, WASTE HEAT

American District Steam Co, Bryant St, N Tonawanda, N Y
American Locomotive Co, 30 Church St, N Y 8
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Foster Wheeler Corp, 165 Broadway, N Y 6
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Sims Co, 1402 E 18 St, Erie, Pa
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

RECORDERS, CARBON DIOXIDE

Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Hays Corp, E 8 St, Michigan City, Ind
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Liston-Becker Instrument Co, 20 Beckley Ave, P O Box 1110, Stamford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill

RECORDERS, CONDUCTIVITY

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa

RECORDERS, GAS ANALYSIS

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Baird Associates, 33 University Rd, Cambridge 38, Mass
Bristol Co, Waterbury 20, Conn
Cambridge Instrument Co, 3047 Grand Central Terminal, N Y 17
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Hays Corp, E 8 St, Michigan City, Ind
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Liston-Becker Instrument Co, 20 Beckley Ave, P O Box 1110, Stamford, Conn
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Perkins-Elmer Corp, Main Ave, Norwalk, Conn
Permutit Co, 330 W 42 St, N Y 36
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill

RECORDERS, HUMIDITY, WET AND DRY BULB

Bristol Co, Waterbury 20, Conn
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

RECORDERS, LIQUID LEVEL

American Meter Co, 1513 Race St, Phila 2, Pa
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, X-Ray Dept, 4855 Electric Ave, Milwaukee 7, Wis
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hays Corp, E 8 St, Michigan City, Ind
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United Engrs, 824 E 6 St, Tulsa, Okla

RECORDERS, MINIATURE

Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

RECORDERS, PRESSURE

American Meter Co, 1513 Race St, Phila 2, Pa
Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Builders-Providence, 345 Harris Ave, Providence, R I
Consolidated Engrg Corp, 300 N Sierra Madre Villa, Pasadena 15, Cal
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Distillation Products Industries Div, Rochester 3, N Y
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J

Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

RECORDERS, SMOKE DENSITY

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa

RECORDERS, SPECIFIC GRAVITY

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Refinery Supply Co, 621 E 4 St, Tulsa 3, Okla
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y

RECORDERS, STRIP CHART

Automatic Control Co, 1005 University Ave, St Paul 4, Minn
Baird Associates, 33 University Rd, Cambridge 38, Mass
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Brush Development Co, 3405 Perkins Ave, Cleveland 14, Ohio
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

RECORDERS, TEMPERATURE

American Meter Co, 1513 Race St, Phila 2, Pa
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Builders-Providence, 345 Harris Ave, Providence, R I
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Conn
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

RECOVERY UNITS

Acme Protection Equipment Co, 3037 W Lake St, Chicago 12, Ill
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Foster Wheeler Corp, 165 Broadway, N Y 6
M H Treadwell Co, 140 Cedar St, N Y 6

REDUCERS, SPEED

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Cleveland Worm & Gear Co, 3249 E 80 St, Cleveland 4, Ohio
DeLaval Steam Turbine Co, Trenton 2, N J
Dodge Mfg Corp, Mishawaka, Ind
Foote Bros Gear & Mach Corp, 4545 S Western Blvd, Chicago 9, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Philadelphia Gear Works, Erie Ave & G St, Phila 24, Pa
Revco Inc, 2 E Franklin Ave, Minneapolis 4, Minn
N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Water Cooling Equipment Co, 8601 New Hampshire Ave, Affton Sta 23, Mo
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

REFINERY EQUIPMENT

American Locomotive Co, 30 Church St, N Y 8
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Wheeler Corp, 165 Broadway, N Y 6
Fritz W Glitsch & Sons, 4800 Singleton Blvd, Dallas, Tex
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Ingersoll-Rand Co, 11 Broadway, N Y 4
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Lummus Co, 385 Madison Ave, N Y 17
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United Engrs, 824 E 6 St, Tulsa, Okla
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

REFRACTOMETERS

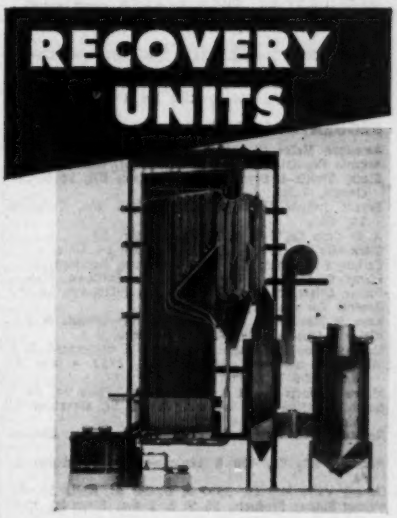
Bausch & Lomb Optical Co, 635 St Paul St, Rochester, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

REFRACTORIES

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Carborundum Co, Refractories Div, Perth Amboy, N J
Corhart Refractories Co, 1660 W Lee St, Louisville 10, Ky
Corning Glass Works, Corning, N Y
Electro Refractories & Abrasives Corp, 344 Delaware Ave, Buffalo 2, N Y
Exolon Co, Tonawanda, N Y
A P Green Fire Brick Co, 1018 E Breckenridge, Mexico, Mo
Johns-Manville, 22 E 40 St, N Y 16
Kaiser Aluminum & Chem Sales, 1924 Broadway, Oakland 12, Cal
North American Refractories Co, 1012 National City E 6 St Bldg, Cleveland 14, Ohio
Norton Co, 1 New Bond St, Worcester 6, Mass
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Refractory & Insulation Corp, 120 Wall St, N Y 5
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
Rust Engrg Co, 575 6 Ave, Pittsburgh 19, Pa

REFRIGERATING EQUIPMENT

Acme Coppersmithing & Mach Co, Mill Rd, Oakland, Pa
Acme Ind, Dept CWG, 600 N Mechanic St, Jackson, Mich
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
A W Cash Co, 540 N 18 St, Decatur, Ill
Croll Reynolds Co, 17 John St, N Y 38
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Arthur D Little, 30 Memorial Dr, Cambridge 42, Mass
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill



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BABCOCK & WILCOX

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Refrigeration Systems, 646 W Washington Blvd, Chicago 6, Ill
Trane Co, 3 & Cameron, La Crosse, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Worthington Corp, Worthington Ave, Harrison, N J

REGULATORS, AIR

American Meter Co, 1513 Race St, Phila 2, Pa
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Hays Corp, E 8 St Michigan City, Ind
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio

REGULATORS, DRAFT

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Hays Corp, E 8 St Michigan City, Ind
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y

REGULATORS, FEED WATER

Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Copes-Vulcan Div, 939 W 26 St, Erie, Pa
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hays Corp, E 8 St Michigan City, Ind
Magnetrol Inc, 2110 S Marshall Blvd, Chicago 23, Ill
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Moore Products Co, H & Lycoming Sts, Phila 24, Pa

REGULATORS, FEED WATER continued

Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio

REGULATORS, GAS

American Meter Co, 1513 Race St, Phila 2, Pa
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bryant Industries Div, 17825 St Clair Ave, Cleveland 10, Ohio
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Controls Co, Glendale, Cal
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Kieley & Mueller, 2013 43 St, N Bergen, N J
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

REGULATORS, PRESSURE

American Meter Co, 1513 Race St, Phila 2, Pa
Askania Regulator Co, 240 E Ontario St, Chicago 11, Ill
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
Bryant Industries Div, 17825 St Clair Ave, Cleveland 10, Ohio
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Eclipse Fuel Engrg Co, 100 Buchanan, Rockford, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

REGULATORS, TEMPERATURE

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Bristol Co, Waterbury 20, Conn
Eclipse Fuel Engrg Co, 1100 Buchanan, Rockford, Ill
Farris Stacen Corp, 345 Commercial Ave, Palisades Park, N J
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Leslie Co, Grant Ave, Lyndhurst, N J
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Sarco Co, 350 5 Ave, N Y 1
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

REGULATORS, VOLTAGE

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Electric Machy Mfg Co, 800 Central Ave N E, Minneapolis 13, Minn
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Superior Elec Co, 83 Laurel St, Bristol, Conn
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

RELAYS, ELECTRIC

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
B W Controller Corp, 2200 E Maple Rd, Birmingham, Mich
Cook Elec Co, 2700 Southport Ave, Chicago 14, Ill
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Photoswitch, Inc, 77 Broadway, Cambridge 42, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

RELAYS, TEMPERATURE CONTROL

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Cook Elec Co, 2700 Southport Ave, Chicago 14, Ill
Cutler-Hammer, Inc, 524 N 12 St, Milwaukee 1, Wis
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Electro-Physics Co, 287 Broadway, N Y 7
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Mnineapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

RESPIRATORS

American Optical Co, Southbridge, Mass
Chicago Eye Shield Co, 2300 Warren Blvd, Chicago 12, Ill
Goggle Parts Co, 1468 W 9 St, Cleveland 13, Ohio
Martindale Elec Co, 1375 Hird Ave, Cleveland 7, Ohio
Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Willson Products, Inc, Reading, Pa

RETORTS, PROCESSING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
M H Treadwell Co, 140 Cedar St, N Y 6

RHEOSTATS

Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Hanson-Van Winkle-Munning Co, Matawan, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

RINGS, RASCHIG

Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Johns-Manville, 22 E 40 St, N Y 16
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Metallo Gasket Co, 10-18 Bethany St, New Brunswick, N J
National Carbon Co Div, 30 E 42 St, N Y 17
Owens-Illinois Glass Co, Toledo 1, Ohio
United States Stoneware Co, 60 E 42 St, N Y 17

RINSERS, BOTTLE

Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill

RINSERS, CAN

Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio

ROASTING MACHINES

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6

ROD & TUBE, EXTRUDED

American Brass Co, 414 Meadow St, Waterbury 20, Conn
American Hard Rubber Co, 93 Worth St, N Y 13
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
B F Goodrich Co, 500 S Main St, Akron, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

ROLLS, CRUSHING

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Exolon Co, Tonawanda, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Sturtevant Mill Co, 75 Clayton St, Dorchester, Boston 22, Mass
Traylor Engrg & Mfg Co, Allentown, Pa

ROOFING

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Childers Mfg Co, 3620 W 11, P O Box 7447, Houston 8, Tex
Flintkote Co, 30 Rockefeller Plaza, N Y 20

Carey

Asbestos-cement Corrugated Roofing and Siding • Asbestos Cements • Heat Insulations • Asbestos-cement Wallboard • Carey Thermo-Bord • Asbestos Millboard • Asbestos-cement and Asphalt Shingles and Siding.

FOR DATA ON SPECIFIC PRODUCTS, WRITE DEP'T CI-9

THE PHILIP CAREY MFG. CO.
Lockland, Cincinnati 15, Ohio
IN CANADA: The Philip Carey Co., Ltd. 277 Duke St., Montreal 3, P. Q.

Johns-Manville, 22 E 40 St, N Y 16
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2000 S 9 St, Louisville 1, Ky
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill

ROTAMETERS

Enzinger Union Corp, Hardpan Rd, Angola, N Y
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Jacoby-Tarbox Corp, 810 Nepperhan Ave, Yonkers 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Selas Corp of America, Erie Ave & D Sts, Phila 34, Pa

SAMPLERS, AUTOMATIC

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Denver Equipment Co, 1400 17 St, Denver, Col
Galigher Co, 545 W 8 South, Salt Lake City, Utah
Hardinge Co, 240 Arch St, York, Pa
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Infilco Inc, Box 5033, Tucson, Ariz
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass

SAND BLAST EQUIPMENT

American Wheelabrator & Equipment Corp, 1042 S Byrkit St, Mishawaka, Ind
E D Bullard Co, 275 8 St, San Francisco 3, Cal
Exolon Co, Tonawanda, N Y
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md
W W Sly Mfg Co, 4770 Train Ave, Cleveland 2, Ohio

SCALES, AUTOMATIC

Beaumont Birch Co, 1505 Race St, Phila 2, Pa
Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Frazier & Son, 338 Cortlandt St, Belleville, N J
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Howe Scale Co, Rutland, Vt
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

SCALES, BAG FILLING

Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Burrows Equipment Co, 1316 Sherman Ave, Evanston, Ill
Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Frazier & Son, 338 Cortlandt St, Belleville, N J
Howe Scale Co, Rutland, Vt
Pneumatic Scale Corp, Newport Ave, Quincy 71, Mass
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
St Regis Paper Co, 230 Park Ave, N Y 17
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

SCALES, BARREL FILLING

Detecto Scales, 540 Park Ave, Bklyn, N Y
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, BUILT-IN

Detecto Scales, 540 Park Ave, Bklyn, N Y
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, BULK

Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Detecto Scales, 540 Park Ave, Bklyn, N Y
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, CONTINUOUS WEIGHING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Frazier & Son, 338 Cortlandt St, Belleville, N J
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, CONVEYOR

Builders-Providence, 345 Harris Ave, Providence, R I
Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, COUNTING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, FLOOR

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, HOPPER

Construction Machy Co, Box 120, Waterloo, Iowa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Read Standard Corp, York, Pa
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, LABORATORY

Christian Becker Div, Clifton, N J
Detecto Scales, 540 Park Ave, Bklyn, N Y
Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

SCALES, LIQUID WEIGHING

Detecto Scales, 540 Park Ave, Bklyn, N Y
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, PACKING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, PLATFORM

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

SCALES, PORTABLE

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, PROPORTIONING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, RECORDING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Howe Scale Co, Rutland, Vt
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, REMOTE INDICATING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Howe Scale Co, Rutland, Vt
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, TANK

Detecto Scales, 540 Park Ave, Bklyn, N Y
Howe Scale Co, Rutland, Vt
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, TOTALIZING

Detecto Scales, 540 Park Ave, Bklyn, N Y
Richardson Scale Co, 668 Van Houten Ave, Clifton, N J
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCALES, TRACK

Detecto Scales, 540 Park Ave, Bklyn, N Y
Howe Scale Co, Rutland, Vt
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio

SCREENS, CONVEYOR

Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, CYLINDRICAL

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Chain Belt Co, Milwaukee 1, Wis
Hendrick Mfg Co, Carbondale, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercer-Robinson Co, 30 Church St, N Y
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Universal Rd Machy Co, Kingston, N Y
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, FILTER

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
C O Jelliff Mfg Corp, Pequot Rd, Southport, Conn
Michigan Wire Cloth Co, 2055 Howard St, Detroit 16, Mich
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, FLAT

Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Michigan Wire Cloth Co, 2055 Howard St, Detroit 16, Mich
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, GYRATORY

J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Mercer-Robinson Co, 30 Church St, N Y
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 1, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, York, Pa
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Separations Engrg Corp, 110 E 42 St, N Y 17
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, INTAKE WATER

Chain Belt Co, Milwaukee 1, Wis
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, LABORATORY

Denver Equipment Co, 1400 17 St, Denver, Col
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Separations Engrg Corp, 110 E 42 St, N Y 17
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, LIQUID

Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio

SCREENS, LIQUID continued

Separations Engrg Corp, 110 E 42 St, N Y 17
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, PERFORATED METAL

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Simpson Mix Muller Div, 549 W Washington, Chicago 6, Ill
Traylor Engrg & Mfg Co, Allentown, Pa
Universal Rd Machy Co, Kingston, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, REVOLVING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Hendrick Mfg Co, Carbondale, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Traylor Engrg & Mfg Co, Allentown, Pa
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Universal Rd Machy Co, Kingston, N Y
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, SEWAGE

Chain Belt Co, Milwaukee 1, Wis
Chicago Pump Co, 622 Diversey Pkwy, Chicago, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hendrick Mfg Co, Carbondale, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Multi-Metal Wire Cloth Co, 1350 Garrison Ave, N Y 59
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, TESTING

Denver Equipment Co, 1400 17 St, Denver, Col
Hendrick Mfg Co, Carbondale, Pa
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, VIBRATING

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Ajax Flexible Coupling Co, Westfield, N Y
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Deister Mach Co, 1933 E Wayne Ave, Ft Wayne 4, Ind
Denver Equipment Co, 1400 17 St, Denver, Col
Exolon Co, Tonawanda, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Mercer-Robinson Co, 30 Church St, N Y
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Nordberg Mfg Co, 3073 S Chase Ave, Milwaukee 7, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, Work, Pa
Separations Engrg Corp, 110 E 42 St, N Y 17
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Syntron Co, 422 Lexington Ave, Homer City, Pa
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

SCREENS, WASHING

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Hendrick Mfg Co, Carbondale, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Multi-Metal Wire Cloth Co, 1350 Garrison Ave, N Y 59
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Universal Rd Machy Co, Kingston, N Y
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, WEDGE SLOT

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Hendrick Mfg Co, Carbondale, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Wedge Bar Screen Corp, 2006 Bayport Pl, Far Rockaway, N Y
Wickwire Div, Sterling St, Clinton, Mass

SCREENS, WIRE

Abbe Engrg Co, 50 Church St, N Y 7
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Cleveland Wire Cloth & Mfg Co, 3573 E 78 St, Cleveland 5, Ohio
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
C O Jelliff Mfg Corp, Pequot Rd, Southport, Conn
Ludlow-Saylor Wire Co, 634 S Newstead Ave, St Louis 10, Mo
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Universal Road Machy Co, Kingston, N Y
Wickwire Div, Sterling St, Clinton, Mass
Otto H York Co, 69 Glenwood Pl, E Orange, N J

SCRUBBERS, AIR

American Locomotive Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Hellman Boiler Works, 128 Linden St, Allentown, Pa
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
M H Treadwell Co, 140 Cedar St, N Y 6

SCRUBBERS, GAS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Locomotive Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Diamond Power Specialty Corp, P O Box 415, Lancaster, Ohio
Hellman Boiler Works, 128 Linden St, Allentown, Pa
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

SEALS FOR STEEL DRUMS

American Flange & Mfg Co, 30 Rockefeller Plaza, N Y 20

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Fulton Syphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
Garlock Packing Co, Palmyra, N Y
Graphite Metallizing Corp, 1011 Nepperhan Ave, Yonkers, N Y
Greene, Tweed & Co, N Wales, Pa
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Sealol Corp, 45 Willard Ave, Providence 5, R I
Syntron Co, 422 Lexington Ave, Homer City, Pa

SEPARATORS, AIR

Airborne Conveyors Corp, 99 Hudson St, N Y 13
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Hardinge Co, 240 Arch St, York, Pa
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Logan Engrg Co, 4901 W Lawrence Ave, Chicago 30, Ill
James A Murphy & Co, 1421 High St, Hamilton, Ohio
Raymond Pulverizer Div, 1319 N Branch St, Chicago 22, Ill
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Separations Engrg Corp, 110 E 42 St, N Y 17
William W Stanley Co, 401 Broadway, N Y
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Sutton, Steele & Steele, 1031 S Haskell Ave, Dallas 10, Tex
Universal Rd Machy Co, Kingston, N Y
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

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Aerodyne Development Corp, 2103 St Clair Ave, Cleveland 14, Ohio
Airborne Conveyors Corp, 99 Hudson St, N Y 13
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Brown Fintube Co, 300 Huron St, Elyria, Ohio
Day Co, 810 3 Ave N E, Minneapolis 13, Minn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Northern Blower Co, 6409 Barberton Ave, Cleveland 2, Ohio
Pangborn Corp, 520 Pangborn Blvd, Hagerstown, Md
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Schutz-O'Neill Co, 311 Portland Ave, Minneapolis 15, Minn
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
William W Stanley Co, 401 Broadway, N Y
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

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R P Adams Co, 240 E Park Dr, Buffalo, N Y
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Airborne Conveyors Corp, 99 Hudson St, N Y 13
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Baker Perkins, 1000 Hess St, Saginaw, Mich
Bird Mach Co, S Walpole, Mass
De Laval Separator Co, Poughkeepsie, N Y
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Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Merco Centrifugal Co, 150 Green St, San Francisco, Cal
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Spencer Turbine Co, 486 New Park Ave, Hartford 6, Conn
Sturtevant Mill Co, 74 Clayton St, Dorchester, Boston 22, Mass
Tolhurst Centrifugals Div, E Moline, Ill
Western Precipitation Co, 1016 W 9 St, Los Angeles 15, Cal

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Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
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Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill
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Hardinge Co, 240 Arch St, York, Pa
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L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Otto H York Co, 69 Glenwood Pl, E Orange, N J
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

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V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Hellman Boiler Works, 128 Linden St, Allentown, Pa
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill
Otto H York Co, 69 Glenwood Pl, E Orange, N J

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Erlez Mfg Co, 217 State St, Erie, Pa
Exolon Co, Tonawanda, N Y
Homer Mfg Co, 142 E Pearl St, Lima, Ohio
Honan-Crane Corp, Lebanon, Ind

Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Separations Engrg Corp, 110 E 42 St, N Y 17
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
United States Hoffman Machy Corp, 105 4 Ave, N Y 3

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Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
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Selas Corp of America, Erie Ave & D St, Phila 34, Pa
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

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Foster Wheeler Corp, 165 Broadway, N Y 6
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Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
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Otto H York Co, 69 Glenwood Pl, E Orange, N J

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Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
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Mine Safety Appliances Co, 201 N Braddock Ave, Pittsburgh 8, Pa
Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill
United States Safety Service Co, 1215 McGee St, Kansas City 6, Mo
Willson Products, Inc, Reading, Pa

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Prater Pulverizer Co, 1515 S 55 Ct, Chicago 50, Ill
Williams Patent Crusher & Pulverizer Co, 2701 N Broadway, St Louis 6, Mo

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Emil Greiner Co, 20-26 N Moore St, N Y 13
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Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio

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Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Read Standard Corp, York, Pa
Schutz-O'Neill Co, 307 Portland Ave, Minneapolis 15, Minn
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Entoleter Div, P O Box 904, New Haven 4, Conn
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio

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Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
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B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mercer-Robinson Co, 30 Church St, N Y
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio

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Universal Rd Machy Co, Kingston, N Y

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Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Neff & Fry Co, 150 S Main St, Camden, Ohio

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Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Metalab Equipment Corp, Hicksville, L I, N Y
United States Stoneware Co, 60 E 42 St, N Y 17

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Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
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Emil Greiner Co, 20-26 N Moore St, N Y 13
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Kewaunee Mfg Co, Adrian, Mich
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Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
M L Snyder & Son, 1810-70 E Boston Ave, Phila 25, Pa

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H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Radiation Counter Labs, 5122 W Grove St, Skokie, Ill

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Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

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Milburn Co, 3246 E Woodbridge, Detroit 7, Mich
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Pelamay Products, 112 4 Ave, N Y 3
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Standard Safety Equipment Co, 232 W Ontario St, Chicago 10, Ill

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Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Flexoid Products, 170 Summer St, Boston 10, Mass
Graver Water Conditioning Co, 216 W 14 St, N Y 11
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Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
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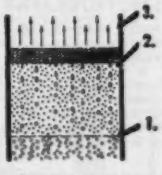
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YORKMESH Demisters (made of finely woven wire) remove substantially all liquid entrainment even at increased vapor velocities. The net result: More production with higher quality.

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1. Vapor disengaging from liquid creates fine liquid droplets.
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Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

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Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
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Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio

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Coleman Instruments, 318 Madison St, Maywood, Ill
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Perkin-Elmer Corp, Main Ave, Norwalk, Conn
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

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Coleman Instruments, 318 Madison St, Maywood, Ill
Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Jarrell-Ash Co, 26 Farwell St, Newtonville, Mass
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Perkin-Elmer Corp, Main Ave, Norwalk, Conn
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Farrand Optical Co, Bronx Blvd & E 238 St, N Y 70
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Philadelphia Gear Works, Erie Ave & G St, Phila 24, Pa
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Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

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Turco Products, 6135 S Central Ave, Los Angeles 1, Cal

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Turco Products, 6135 S Central Ave, Los Angeles 1, Cal

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Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

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Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Timken Roller Bearing Co, Canton 6, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill

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Duriron Co, 425 N Findly St, Dayton 1, Ohio
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Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill

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G O Carlson, Thorndale, Pa
Crucible Steel Co of America, 405 Lexington Ave, N Y 17
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
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Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
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Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

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Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

STILLS, AMMONIA

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Downingtown Iron Works Ind, Downingtown, Pa
Foster Wheeler Corp, 165 Broadway, N Y 6
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

STILLS, FATTY ACID

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Beico Industrial Equipment Div, 52 Iowa Ave, Paterson 3, N J
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Foster Wheeler Corp, 165 Broadway, N Y 6
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

STILLS, GLYCERIN

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

STILLS, HORIZONTAL

Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

STILLS, LABORATORY

Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
American Sterilizer Co, 12 & Plum Sts, Erie, Pa
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lummus Co, 385 Madison Ave, N Y 17
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

STILLS, PIPE

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill

STILLS, PRESSURE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Downingtown Iron Works Ind, Downingtown, Pa
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
A O Smith Co, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

STILLS, SOLVENT RECOVERY

V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
A O Smith Co, 3533 N 27 St, Milwaukee 10, Wis
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

STILLS, VACUUM

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Locomotive Co, 30 Church St, N Y 8
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Distillation Products Industries Div, Rochester 3, N Y
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
United States Hoffman Machy Corp, 105 4 Ave, N Y 3
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

STILLS, WATER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
American Sterilizer Co, 12 & Plum Sts, Erie, Pa
Barnstead Still & Sterilizer Co, 2 Lanesville Terrace, Forest Hills, Boston 31, Mass
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Superior Combustion Industries, 1475 Broadway, N Y 18
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

STIRRERS

Eberbach Corp, 200 E Liberty St, Ann Arbor, Mich
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Mixing Equipment Co, 139 Mt Read Blvd, Rochester 11, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Omega Mach Co, 345 Harris Ave, Providence, R I
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

STIRRERS, GLASS

Emil Greiner Co, 20-26 N Moore St, N Y 13
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

STOKERS

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Iron Fireman Mfg Co, 3170 W 106 St, Cleveland 11, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

STONEWARE, ACID-PROOF

General Ceramics & Steatite Corp, Keasbey, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Robinson Clay Product Co, P O Box 1070-X10, 65 W State St, Akron 9, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

STOPCOCKS, HOLLOW PLUG TYPE

Corning Glass Work, Corning, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

STOPPERS

Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

STOPPERS, RUBBER

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20

STORAGE SYSTEMS, COAL

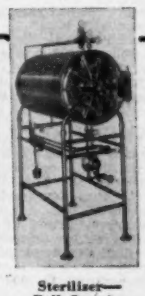
C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Neff & Fry Co, 150 S Main St, Camden, Ohio

STRAINERS, INDUSTRIAL

Andale Co, 1740 Cherry St, Phila 3, Pa
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J



Rolling Door Autoclave



Sterilizer—Full Opening Door

AETNA

WATER STILLS:—½-500 gallons per hour, steam, gas, electric, storage tanks, automatic controls.

AUTOCLAVES:—Rolling Door and Full Opening Door Types—all sizes.

STERILIZERS:—STERILMATIC control available for fully automatic operation of all pressure sterilizers.

Demineralizers—All Types.



Water Still, Electrically Heated

AETNA SCIENTIFIC CO.

Second and Spring Streets • Everett 49, Massachusetts

STRAINERS, INDUSTRIAL continued

S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Michigan Wire Cloth Co, 2055 Howard St, Detroit 16, Mich
Monarch Mfg Works, 2501 E Ontario St, Phila 34, Pa
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Ronningen Mfg Co, Vicksburg, Mich
Sarco Co, 350 5 Ave, N Y 1
Sentinel Glass Co, Box 58, Hatboro, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

STRAINERS, OIL

American District Steam Co, Bryant St, N Tonawanda, N Y
Andale Co, 1740 Cherry St, Phila 3, Pa
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elliott Co, Jeannette, Pa
General Controls Co, Glendale, Cal
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Ronningen Mfg Co, Vicksburg, Mich
Sarco Co, 350 5 Ave, N Y 1
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spencer Engrg Co Inc, 29-41 Grant St, Walden, N Y
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Strong Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

STRAINERS, PIPE LINE

American District Steam Co, Bryant St, N Tonawanda, N Y
Andale Co, 1740 Cherry St, Phila 3, Pa
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Elliott Co, Jeannette, Pa
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Ceramics & Steatite Corp, Keasbey, N J
General Controls Co, Glendale, Cal
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Logan Engrg Co, 4901 W Lawrence Ave, Chicago 30, Ill
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Ray Miller, Inc, 252 N 10 St, Newark, N J
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Ronningen Mfg Co, Vicksburg, Mich
Sarco Co, 350 5 Ave, N Y 1
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

STRAINERS, SUCTION

American District Steam Co, Bryant St, N Tonawanda, N Y
Andale Co, 1740 Cherry St, Phila 3, Pa
Carver Pump Co, 1056 Hershey Ave, Muscatine, Iowa
A W Cash Co, 540 N 18 St, Decatur, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Cuno Engrg Corp, 80 S Vine St, Meriden, Conn
Elliott Co, Jeannette, Pa
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Spraying Systems Co, 3256 Randolph St, Bellwood, Ill
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

STRAPPING, INSULATION

A J Gerrard & Co, 1950 Hawthorne Ave, Melrose Park, Ill

SULFONATING EQUIPMENT

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Bethlehem Foundry & Mach Co, 225 W 2 St, Bethlehem, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
New England Tank & Tower Co, 85 Tileston St, Everett 49, Mass
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

SUMPS, STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, P O Box 350, Akron, Ohio

SUPERHEATERS

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Petro-Chem Development Co, 122 E 42 St, N Y
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

SUPERHEATERS, STEAM

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Petro-Chem Development Co, 122 E 42 St, N Y
Edwin L Wiegand Co, 7557 Thomas Blvd, Pittsburgh 8, Pa

SWITCHBOARDS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Falstrom Co, 9 Falstrom Ct, Passaic, N J
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Phila 30, Pa
Standard Elec Time Co, 121 Logan St, Springfield, Mass
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

SWITCHES

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Cook Elec Co, 2700 Southport Ave, Chicago 14, Ill
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Phila 30, Pa
Jo-Bell Products, 4840 S St Louis Ave, Chicago 32, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, Micro Switch Div, Freeport, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Roller-Smith Corp, Bethlehem, Pa
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

SWITCHES, MERCURY

General Controls Co, Glendale, Cal
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, Micro Switch Div, Freeport, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Wakefield Industries, 5108 W Grove St, Skokie, Ill

SWITCHES, TIME

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Falstrom Co, 9 Falstrom Ct, Passaic, N J
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

SWITCHGEAR

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Electric Machy Mfg Co, 800 Central Ave N E, Minneapolis 13, Minn
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
I-T-E Circuit Breaker Co, 407 S Dearborn St, Chicago 30, Pa
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Roller-Smith Corp, Bethlehem, Pa
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

SYSTEMS, GRINDING, DRYING & CLASSIFYING

Bauer Bros Co, Sheridan & Bort Sts, Springfield, Ohio
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Universal Rd Machy Co, Kingston, N Y

TABLE TOPS, LABORATORY

Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

TACHOMETERS

James G Biddle Co, 1316 Arch St, Phila 7, Pa
Bristol Co, Waterbury 20, Conn
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

TANK CARS

American Car & Foundry Co, 30 Church St, N Y 8
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Knapp Mills, 23-15 Borden Ave, L I C, N Y
M H Treadwell Co, 140 Cedar St, N Y 6

TANKS, ACID

American Hard Rubber Co, 93 Worth St, N Y 13
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cellcote Co, 4832 Ridge Rd Cleveland, Ohio
Chemical Corp, 64-A Waltham Ave, Springfield 9, Mass
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Downingtown Iron Works Ind, Downingtown, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
H N Hartwell & Son, 947 Park Sq Bldg, Boston, Mass
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Laminex Corp, 994 Jefferson St, Fall River, Mass
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rolock Inc, 1350 Kings Hway, Fairfield, Conn
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, 60 E 42 St, N Y 17
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Woolford Wood Tank Mfg Co, 5 St, Darby, Pa

TANKS, AIR

Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind

Looking for telephone numbers: See Catalog Section

Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Joy Mfg Co, Henry W Oliver Bldg, Pittsburgh 22, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Schramm Inc, W Chester, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, ALUMINUM

Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, ALUMINUM-ALLOY

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, ALUMINUM, BRONZE

Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Downingtown Iron Works Ind, Downingtown, Pa
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, COPPER

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, FERMENTING

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buffovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stainless & Steel Products Co, 1000 Berry Ave, St Paul 14, Minn

TANKS, FIBERGLASS

Laminex Corp, 994 Jefferson St, Fall River, Mass

TANKS, GALVANIZED

Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Rheem Mfg Co, 570 Lexington Ave, N Y 22
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, GLASS ENAMELED

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

TANKS, GLASS LINED

Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

TANKS, HARD RUBBER

American Hard Rubber Co, 93 Worth St, N Y 13
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
United States Rubber Co, 1230 Ave of the Americas, N Y 20

TANKS, HASTELLOY

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

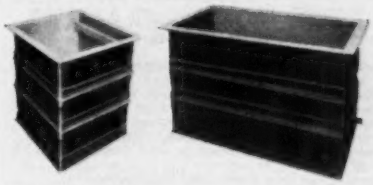
TANKS, HIGH PRESSURE

American Car & Foundry Co, 30 Church St, N Y 8
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 3, Mo
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, IRON AND STEEL

Acme Coppersmithing & Mach Co, Mill Road, Oreland, Pa
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J

LAMINEX
Series
FAB Tanks are
DOUBLE
PRESSURE-BONDED
for double strength!



All seams and corners are pressure-bonded from both inside and outside to strengthen Series FAB Tanks — fabricated to your exact size without any need for mold or set-up charge. Stronger, lighter, smoother, better than stainless steel — yet cost less!

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WRITE

LAMINEX CORPORATION
994 Jefferson Street, Fall River, Mass.

Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Dempster Bros, Springdale Ave, Knoxville 17, Tenn
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Jackson & Church Co, 321 N Hamilton St, Saginaw 65, Mich
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Roura Iron Works, 1401 Woodland, Detroit 11, Mich
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, LEAD LINED

Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Federated Metals Div, 120 Broadway, N Y 5
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J

TANKS, LEAD LINED continued

Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
M H Treadwell Co, 140 Cedar St, N Y 6
Woolford Wood Tank Mfg Co, 5 St, Darby, Pa

TANKS, MIXING

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Alsop Engrg Corp, 530 Center St, Milldale, Conn
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
J H Day Co, 1144 Harrison Ave, Cincinnati 22, Ohio
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Metal Glass Products Co, Belding, Mich
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Charles Ross & Son Co, 152 Classon Ave, Bklyn 5, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Conn
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10,

TANKS, MONEL METAL AND NICKEL

American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metal Glass Products Co, Belding, Mich
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TANKS, NICKEL

American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metal Glass Products Co, Belding, Mich
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TANKS, NICKEL CHROME STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Dearborn 32, Mich
Downingtown Iron Works Ind, Downingtown, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metal Glass Products Co, Belding, Mich
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn
Stainless & Steel Products Co, 1000 Berry Ave, St Paul 14, Minn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, NICKEL CLAD STEEL, WELDED

American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Detrex Corp, 14331 Woodrow Wilson, Box 501, Dearborn 32, Mich
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lukens Steel Co, Coatesville, Pa
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Patterson-Kelley Co, E Stroudsburg, Pa
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, OIL STORAGE

American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Patterson Foundry & Mach Co, 1250 St George St, E Liverpool, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, OIL WORKS

Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill

TANKS, PLATING

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Automotive Rubber Co, 8601 Epworth Blvd, Detroit, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemical Corp, 64-A Waltham Ave, Springfield 9, Mass
General Ceramics & Steatite Corp, Keasbey, N J
Hanson-Van Winkle-Munning Co, Matawan, N J
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Laminex Corp, 994 Jefferson St, Fall River, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
United States Stoneware Co, 60 E 42 St, N Y 17
Woolford Wood Tank Mfg Co, 5 St, Darby, Pa

TANKS, PRESSURE

American Car & Foundry Co, 30 Church St, N Y 8
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hammond Iron Works, Warren, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, RUBBER LINED

American Car & Foundry Co, 30 Church St, N Y 8

American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Mineral Prod Co, 121 Norman St, Mertztown, Pa
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hanson-Van Winkle-Munning Co, Matawan, N J
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Industrial Filter & Pump Mfg Co, 5914 Ogden Ave, Chicago 50, Ill
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

TANKS, SILICON BRONZE

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Patterson-Kelley Co, E Stroudsburg, Pa
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, STAINLESS STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Car & Foundry Co, 30 Church St, N Y 8
Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Chemicolloid Labs, 30 Church St, N Y 7
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Chicago Stainless Equipment Corp, 5001 Elston Ave, Chicago 30, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Falstorm Co, 9 Falstorm Ct, Passaic, N J
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Groen Mfg Co, 4535 Armitage Ave, Chicago 39, Ill
Hanson-Van Winkle-Munning Co, Matawan, N J
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Hendrick Mfg Co, Carbondale, Pa
Henszey Co, Watertown, Wis
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Manning & Lewis Engrg Co, 28-42 Ogden St, Newark 4, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
A B Murray Co, 649 Green Lane, Elizabeth, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Perry Equipment Corp, 1415 N 6 St, Phila 22 ,Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rolock Inc, 1350 Kings Hway, Fairfield, Conn
Roura Iron Works, 1401 Woodland, Detroit 11, Mich
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Stainless & Steel Products Co, 1000 Berry Ave, St Paul 14, Minn
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TANKS, STEEL

American Car & Foundry Co, 30 Church St, N Y 8
Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Brighton Copper Works, 820 State Ave, Cincinnati 4, Ohio
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Cellcote Co, 4832 Ridge Rd, Cleveland, Ohio
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Conn & Co, 11 S Marion St, Warren, Pa
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Dempster Bros, Springdale Ave, Knoxville 17, Tenn
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Falstrom Co, 9 Falstrom Ct, Passaic, N J
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Hendrick Mfg Co, Carbondale, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
International Engrg, 1145 Bolander Ave, Dayton 1, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Metal Glass Products Co, Belding, Mich
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Patterson-Kelley Co, E Stroudsburg, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Rheem Mfg Co, 570 Lexington Ave, N Y 22
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Roura Iron Works, 1401 Woodland, Detroit 11, Mich
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TANKS, STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

TANKS, STORAGE

Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
Alsop Engrg Corp, 530 Center St, Millidale, Conn
American Car & Foundry Co, 30 Church St, N Y 8
Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
General American Trans Corp, 135 S LaSalle St, Chicago 90, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Glascote Products, 20900 St Clair Ave, Cleveland 17, Ohio
B F Goodrich Co, 500 S Main St, Akron, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Heil Co, 3000 W Montana St, Milwaukee 1, Wis
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Laminex Corp, 994 Jefferson St, Fall River, Mass
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
J M Lehmann Co, 559 New York Ave, Lyndhurst, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Neff & Fry Co, 150 S Main St, Camden, Ohio
Perry Equipment Corp, 1415 N 6 St, Phila 22, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Woolford Wood Tank Mfg Co, 5 St, Darby, Pa

TANKS, TREATING

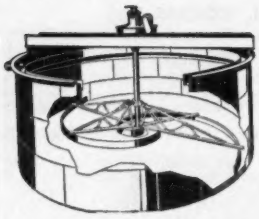
Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4 Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammond Iron Works, Warren, Pa
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
M H Treadwell Co, 140 Cedar St, N Y 6
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
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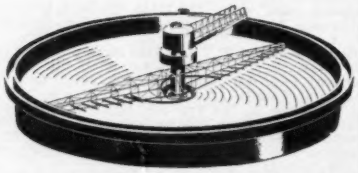
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Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
M H Treadwell Co, 140 Cedar St, N Y 6

TANKS, WOODEN

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Associated Cooperage Industries of America, 408 Olive St, St Louis 2, Mo
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Conn & Co, 11 S Marion St, Warren, Pa
Hanson-Van Winkle-Munning Co, Matawan, N J
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
National Tank & Pipe Div, 2301 N Columbia Blvd, Portland 17, Ore
Woolford Wood Tank Mfg Co, 5 St, Darby, Pa

TARPAULINS

Bemis Bro Bag Co, 111-N N 4 St, St Louis 2, Mo
Canton Containers, 1101 9 St S E, Canton, Ohio
Fulton Bag & Cotton Mills, P O Box 1726, Atlanta 1, Ga
B F Goodrich Co, 500 S Main St, Akron, Ohio
William W Stanley Co, 401 Broadway, N Y
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

TESTING EQUIPMENT, SAND

Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio

THERMOCOUPLES

Amersil Co, 1471 Chestnut St, Hillside, N J
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fenwal, Inc, Pleasant St, Ashland, Mass
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Hastings Instrument Co, Super Hway at Pine Ave, Hampton, Va
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Liston-Becker Instrument Co, 20 Beckley Ave, P O Box 1110, Stamford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Taco West Corp, 525 N Noble St, Chicago 22, Ill
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Trinity Equipment Corp, 472 Westfield Ave E, Roselle Park, N J
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill

THERMOMETERS, BIMETALLIC

Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Simpson Elec Co, 5200 W Kinzie St, Chicago, Ill
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

THERMOMETERS, CONTROLLING

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Elec Mfg Co, 1107 Sheffield, Niles, Mich
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

THERMOMETERS, DIAL

Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Sarco Co, 350 5 Ave, N Y 1
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

THERMOMETERS, DIFFERENTIAL

Bristol Co, Waterbury 20, Conn
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Emil Greiner Co, 20-26 N Moore St, N Y 13
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

THERMOMETERS, INDICATING

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
National Elec Mfg Co, 1107 Sheffield, Niles, Mich
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

THERMOMETERS, INDUSTRIAL

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
W C Dillon & Co, 1421 S Circle Ave, Forest Park, Ill
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 49, Ill
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

THERMOMETERS, LABORATORY

Bristol Co, Waterbury 20, Conn
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Owens-Illinois Glass Co, Toledo 1, Ohio
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Rochester Mfg Co, 112 Rockwood St, Rochester, N Y
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Taglilabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

THERMOMETERS, RECORDING

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Electric Auto-Lite Co, Champlain St, Toledo 1, Ohio
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Moore Products Co, H & Lycoming Sts, Phila 24, Pa
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Penn Industrial Instrument Corp, 4110 Haverford Ave, Phila 4, Pa

Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Taglabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa

THERMOMETERS, WET AND DRY BULB

Bristol Co, Waterbury 20, Conn
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Gotham Instruments Div, Clymer Ave, Sellersville, Pa
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
Palmer Thermometers, 2501 Norwood Ave, Cincinnati 12, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
Taglabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
United States Gauge Div, Clymer Ave, Sellersville, Pa
Weston Elect Instrument Corp, 614 Frelinghuysen Ave, Newark 5, N J

THICKENERS

Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Denver Equipment Co, 1400 17 St, Denver, Col
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
T Shriver & Co, 874 Hamilton St, Harrison, N J

TIMERS, ELECTRIC

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Thomas A Edison, Instrument Div, 56 Lakeside Ave, W Orange, N J
Electric Hotpack Co, Cottman Ave at Melrose St, Phila 35, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
National Elec Mfg Co, 1107 Sheffield, Niles, Mich
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Standard Elec Time Co, 121 Logan St, Springfield, Mass
W M Welch Mfg Co, 1515 Sedgwick St, Chicago 10, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whittington Pump & Engrg Corp, 1126 Prospect St, Indianapolis 3, Ind

TIMERS, PNEUMATIC AND ELECTRONIC

Allen-Bradley Co, 136 W Greenfield Ave, Milwaukee 4, Wis
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bristol Co, Waterbury 20, Conn
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Dracco Corp, Harvard Ave & E 116 St, Cleveland 5, Ohio
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
Lumenite Electronic Co, 407 S Dearborn St, Chicago 5, Ill
National Elec Mfg Co, 1107 Sheffield, Niles, Mich
Photoswitch Inc, 77 Broadway, Cambridge 42, Mass
Photovolt Corp, 95 Madison Ave, N Y 16
G C Wilson & Co, 2 N Passaic Ave, Chatham, N J

TITRATORS, AUTOMATIC

Beckman Instruments, 820 Mission Ave, S Pasadena 61, Cal
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

TORCHES

Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Insto-Gas Corp, 1977 E Woodbridge, Detroit 7, Mich
Linde Air Products Co Div, 30 E 42 St, N Y 17
Torit Mfg Co, 292 Walnut St, St Paul 2, Minn

TOWERS, ABSORPTION

American Car & Foundry Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Delanium Carbon Corp, 18 E 48 St, N Y 17
Downingtown Iron Works Ind, Downingtown, Pa
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hammond Iron Works, Warren, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
National Carbon Co Div, 30 E 42 St, N Y 17
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Sentinel Glass Co, Box 58, Hatboro, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, 60 E 42 St, N Y 17
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TOWERS, ACID

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Corning Glass Works, Corning, N Y
Delanium Carbon Corp, 18 E 48 St, N Y 17
Downingtown Iron Works Ind, Downingtown, Pa
General Ceramics & Steatite Corp, Keasbey, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
National Carbon Co Div, 30 E 42 St, N Y 17
National Research Corp, 70 Memorial Dr, Cambridge 42, Mass
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United States Stoneware Co, 60 E 42 St, N Y 17
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio

TOWERS, BUBBLE

American Car & Foundry Co, 30 Church St, N Y 8
American Locomotive Co, 30 Church St, N Y 8
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Downingtown Iron Works Ind, Downingtown, Pa
General Ceramics & Steatite Corp, Keasbey, N J
Gilbert & Barker Mfg Co, W Springfield, Mass
Fritz W Glitsch & Sons, 4800 Singleton Blvd, Dallas, Tex
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Hammond Iron Works, Warren, Pa
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
National Carbon Co Div, 30 E 42 St, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn

TOWERS, COOLING

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
American Car & Foundry Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Binks Mfg Co, 3134-40 Carroll Ave, Chicago 12, Ill
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Delanium Carbon Corp, 18 E 48 St, N Y 17
Foster Wheeler Corp, 165 Broadway, N Y 6
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
National Carbon Co Div, 30 E 42 St, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Precision Thermometer & Instrument Co, 1434 Brandywine St, Phila 30, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Sentinel Glass Co, Box 58, Hatboro, Pa
Water Cooling Equipment Co, 8601 New Hampshire Ave, Affton Sta 23, Mo
Young Radiator Co, 709 S Marquette St, Racine, Wis

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The Dorr Type A Thickener—single compartment . . . in diameters up to 50 feet (Bulletin No. 3001).

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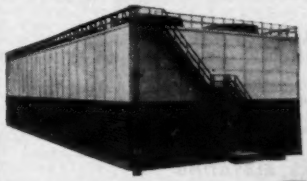
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Mechanical draft counter-flow type
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TOWERS, EVAPORATOR

American Car & Foundry Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Delanium Carbon Corp, 18 E 48 St, N Y 17
Downingtown Iron Works Ind, Downingtown, Pa
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
National Carbon Co Div, 30 E 42 St, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Sentinel Glass Co, Box 58, Hatboro, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Trane Co, 38 Cameron Ave, LaCrosse, Wis
M H Treadwell Co, 140 Cedar St, N Y 6

TOWERS, FRACTIONATING

Alco Products Div, Dunkirk, N Y
American Car & Foundry Co, 30 Church St, N Y 8
American Locomotive Co, 30 Church St, N Y 8
Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Birmingham Tank Div, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
S Blickman Inc, 3100 Gregory Ave, Weehawken, N J
Corning Glass Works, Corning, N Y
Foster Wheeler Corp, 165 Broadway, N Y 6
Fritz W Glitsch & Sons, 4800 Singleton Blvd, Dallas, Tex
Gilbert & Barker Mfg Co, W Springfield, Mass
Graver Tank & Mfg Co, 4809-11 Tod Ave, E Chicago, Ind
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
M W Kellogg Co, 225 Broadway, N Y 7
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
National Carbon Co Div, 30 E 42 St, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Sentinel Glass Co, Box 58, Hatboro, Pa
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
Stacey Bros Div, 5535 Vine St, Cincinnati 16, Ohio
Struthers Wells Corp, Pennsylvania Ave W, Warren, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Wurster & Sanger, 5201 S Kenwood Ave, Chicago 15, Ill

TOWERS, SCRUBBING

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Chemical Engrg Service, 1640 Crooks St, Green Bay, Wis
Downingtown Iron Works Ind, Downingtown, Pa
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Industrial Process Engrs, 8 Lister Ave, Newark 5, N J
Kalamazoo Tank & Silo Co, 508 Harrison St, Kalamazoo 16, Mich
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Leader Iron Works, 2100 N Jasper St, Decatur, Ill
Lummus Co, 385 Madison Ave, N Y 17
National Carbon Co Div, 30 E 42 St, N Y 17
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
Podbielniak, Inc, 341 E Ohio St, Chicago 11, Ill
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
A O Smith Corp, 3533 N 27 St, Milwaukee 10, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Universal Oil Products Co, 30 E Algonquin Rd, Des Plaines, Ill
Vulcan Mfg Div, 120 Sycamore St, Cincinnati 2, Ohio
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

TRACTORS, INDUSTRIAL

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Buda Co, 154 & Commercial Ave, Harvey, Ill
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Crescent Truck Co Div, Box 538, Lebanon, Pa
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Frank G Hough Co, Libertyville, Ill
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill

TRANSFORMERS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belgian Elec Sales Corp, 1 E 53 St, N Y
Electro-Physics Co, 287 Broadway, N Y 7
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Radio Co, 275 Massachusetts Ave, Cambridge 39, Mass
Hevi Duty Elec Co, 4212 W Highland Blvd, Milwaukee 1, Wis
I-T-E Circuit Breaker Co, 19 & Hamilton Sts, Phila 30, Pa
Superior Elec Co, 83 Laurel St, Bristol, Conn
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

TRANSMISSIONS, VARIABLE SPEED

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Dodge Mfg Corp, Mishawaka, Ind
Edward Valves, 1200 W 145 Ave, E Chicago, Ind
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Reeves Pulley Co, 1225 7 St, Columbus, Ind
Reliance Elec & Engrg Co, 1088 Ivanhoe Rd, Cleveland 10, Ohio
Revco Inc, 2 E Franklin Ave, Minneapolis 4, Minn
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Sterling Elec Motors, 5401 Telegraph Rd, Los Angeles 22, Cal
United States Elecl Motors, 200 E Slauson, Los Angeles 54, Cal
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Worthington Corp, Worthington Ave, Harrison, N J

TRAPS, ACID

V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
General Ceramics & Steatite Corp, Keasbey, N J
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

TRAPS, AIR

R P Adams Co, 240 E Park Dr, Buffalo, N Y
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Kaye & MacDonald, 15 Central Ave, W Orange, N J
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa
Sarco Co, 350 5 Ave, N Y 1
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio

TRAPS, OIL

R P Adams Co, 240 E Park Dr, Buffalo, N Y
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Sarco Co, 350 5 Ave, N Y 1
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

TRAPS, STEAM

American District Steam Co, Bryant St, N Tonawanda, N Y
V D Anderson Co, 1935 W 96 St, Cleveland 2, Ohio
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Sarco Co, 350 5 Ave, N Y 1
Fred H Schaub Engrg Co, 2110 S Marshall Blvd, Chicago 23, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio

TRAYS, DRYING AND EVAPORATING

Allied Steel & Equipment Co, Dept N, Main St, Chester, N J
Corning Glass Works, Corning, N Y
Easy Industries, 162 N Clinton St, Chicago 6, Ill
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Kirk & Blum Mfg Co, 3120 Forrer St, Oakley, Cincinnati 9, Ohio
Rolock, Inc, 1350 Kings Hway, Fairfield, Conn

TRIPPLERS, BELT CONVEYOR

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chain Belt Co, Milwaukee 1, Wis
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Selas Corp of America, Erie Ave & D St, Phila 34, Pa
Stephans-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

TROLLEYS

E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

TRUCKS, ELEVATING

Automatic Transportation Co, 101 W 87 St, Chicago 20, Ill
Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Crescent Truck Co Div, Box 538, Lebanon, Pa
Economy Engrg Co, 4511 W Lake St, Chicago 24, Ill
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Moto-Truc Co, 1953 E 59 St, Cleveland 3, Ohio
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

TRUCKS, HAND LIFT

Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla
Howe Scale Co, Rutland, Vt
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

TRUCKS, INDUSTRIAL

Aurora Equipment Co, Equipto Div, 422 Cleveland Ave, Aurora, Ill
Automatic Transportation Co, 101 W 87 St, Chicago 20, Ill
Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
Buda Co, 154 & Commercial Ave, Harvey, Ill
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Crescent Truck Co Div, Box 538, Lebanon, Pa
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Frank G Hough Co, Libertyville, Ill
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Mercer-Robinson Co, 30 Church St, N Y
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill
Moto-Truc Co, 1953 E 59 St, Cleveland 3, Ohio
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Sabin Mach Co, 6536 Carnegie Ave, Cleveland 3, Ohio
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Thomas Truck & Caster Co, 70 Mississippi River, Keokuk, Iowa
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

TRUCKS, LIFT

Baker-Raulang Co, 1250 W 80 St, Cleveland 2, Ohio
Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
Buda Co, 154 & Commercial Ave, Harvey, Ill
Chicago Transportation Co, 101 W 87 St, Chicago 20, Ill
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Crescent Truck Co Div, Box 538, Lebanon, Pa
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Frank G Hough Co, Libertyville, Ill
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill
Moto-Truc Co, 1953 E 59 St, Cleveland 3, Ohio
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio
West Bend Equipment Corp, P O Box 246-D, W Bend, Wis

TRUCKS, POWER

Barrett-Cravens Co, 4613 S Western Blvd, Chicago 9, Ill
Buda Co, 154 & Commercial Ave, Harvey, Ill
Chicago Transportation Co, 101 W 87 St, Chicago 20, Ill
Clark Equipment Co, Industrial Truck Div, Battle Creek, Mich
Crescent Truck Co Div, Box 538, Lebanon, Pa
Elwell-Parker Elec Co, 4205 St Clair Ave, Cleveland 3, Ohio
Lewis-Shepard Products, 125 Walnut St, Watertown 72, Mass
Mercury Mfg Co, 4044 S Halsted St, Chicago 9, Ill
Moto-Truc Co, 1953 E 59 St, Cleveland 3, Ohio
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio

TUBE CLEANERS

Airetool Mfg Co, 302 S Center St, Springfield 99, Ohio
Elliott Co, Jeannette, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J

TUBE FILLING AND CLOSING MACHINES

Anderson Bros Mfg Co, 1907 Kishwaukee St, Rockford, Ill
Arthur Colton Co, 3400 E Lafayette St, Detroit 7, Mich
Karl Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio

TUBES, CORROSION-RESISTING ALLOY

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Blaw-Knox Co, Farmers Bank Bldg, Pittsburgh 22, Pa
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duraloy Co, Bridge St, Scottdale, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gas Machy Co, 16130 Waterloo Rd, Cleveland 10, Ohio
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Timken Roller Bearing Co, Canton 6, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TUBES, EVAPORATOR

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Brown Fintube Co, Elyria, Ohio
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Michigan Seamless Tube Co, S Lyon, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Timken Roller Bearing Co, Canton 6, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich
Young Radiator Co, 709 S Marquette St, Racine, Wis

TUBES, HEAT EXCHANGER

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Brown Fintube Co, 300 Huron St, Elyria, Ohio
Carborundum Co, Refractories Div, Perth Amboy, N J
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Corning Glass Works, Corning, N Y
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
General Ceramics & Steatite Corp, Keasbey, N J
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Heat-X-Changer Co, Brewster, N Y
Manning & Lewis Engrg Co, 38 Ogden St, Newark, N J
Michigan Seamless Tube Co, S Lyon, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Carbon Co Div, 30 E 42 St, N Y 17
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Norton Co, 1 New Bond St, Worcester 6, Mass
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Timken Roller Bearing Co, Canton 6, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich
Young Radiator Co, 709 S Marquette St, Racine, Wis

TUBES, PYROMETER

Carborundum Co, Refractories Div, Perth Amboy, N J
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
A B Murray Co, 649 Green Lane, Elizabeth, N J
Norton Co, 1 New Bond St, Worcester 6, Mass
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Trinity Equipment Corp, 472 Westfield Ave E, Roselle Park, N J

TUBES, VENTURI

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bryant Industries Div, 17825 St Clair Ave, Cleveland 10, Ohio
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
A B Murray Co, 649 Green Lane, Elizabeth, N J
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio

TUBING, ALUMINUM, BRONZE

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich

TUBING, CARBON

Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Michigan Seamless Tube Co, S Lyon, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Carbon Co Div, 30 E 42 St, N Y 17
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Timken Roller Bearing Co, Canton 6, Ohio
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich

TUBING, FINNED

Brown Fintube Co, 300 Huron St, Elyria, Ohio
Heat-X-Changer Co, Brewster, N Y
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich
Young Radiator Co, 709 S Marquette St, Racine, Wis

TUBING, GLASS

Amersil Co, 1471 Chestnut St, Hillside, N J
Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
Owens-Illinois Glass Co, Toledo 1, Ohio
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Sentinel Glass Co, Box 58, Hatboro, Pa

TUBING, GLASS, PRECISION BORE

Amersil Co, 1471 Chestnut St, Hillside, N J
Corning Glass Works, Corning, N Y
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Hanovia Chem & Mfg Co, 100 Chestnut St, Newark 5, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Sentinel Glass Co, Box 58, Hatboro, Pa

TUBING, HARD RUBBER

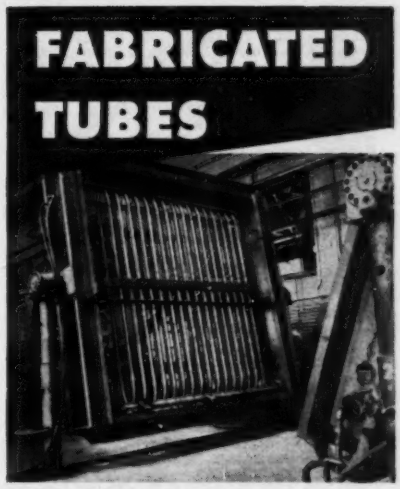
Aeroquip Corp, 300 S East Ave, Jackson, Mich
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Ray Miller Inc, 252 N 10 St, Newark, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

TUBING, NICKEL ALLOY

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
C Tennant Sons & Co of N Y, 100 Park Ave, N Y 17
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TUBING, PLASTIC

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Alpha Plastics, 14 Northfield Ave, W Orange, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Boston Woven Hose & Rubber Co, P O Box 1071, Boston 3, Mass
Chicago Gasket Co, 1275 W North Ave, Chicago 22, Ill
Cleveland Container Co, 6201 Barberton Ave, Cleveland 2, Ohio
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
General Ceramics & Steatite Corp, Keasbey, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
H N Hartwell & Son, 947 Park Square Building, Boston, Mass
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Houghton Labs, 322 Bush St, Olean, N Y
Ray Miller Inc, 252 N 10 St, Newark, N J
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Plax Corp, P O Box 1019, Hartford, Conn
Protective Lining Corp, 149 Waverly Pl, N Y 14



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AS—302

Raybestos-Manhattan, 61 Willett St, Passaic, N J
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17

TUBING, POLYETHYLENE

Atlas Mineral Products Co, 121 Norman St, Mertztown, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Mehl Mfg Co, 2057 Reading Rd, Cincinnati 2, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Plax Corp, P O Box 1019, Hartford, Conn
Protective Lining Corp, 149 Waverly Pl, N Y 14
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J

TUBING, PROTECTED PNEUMATIC

Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio

TUBING, RUBBER

Aeroquip Corp, 300 S East Ave, Jackson, Mich
Continental Rubber Works, 1951 Liberty St, Erie 6, Pa
Electro-Physics Co, 287 Broadway, N Y 7
Garlock Packing Co, Palmyra, N Y
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Quaker Rubber Corp, Taconv & Comly Sts, Phila 24, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
United States Rubber Co, 1230 Ave of the Americas, N Y 20

TUBING, SARAN

American Hard Rubber Co, 93 Worth St, N Y 13
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Elmer E Mills Corp, 2930 N Ashland Ave, Chicago 13, Ill
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
William W Stanley Co, 401 Broadway, N Y

TUBING, SEAMLESS

American Brass Co, 414 Meadow St, Waterbury 20, Conn
American Hard Rubber Co, 93 Worth St, N Y 13
Autoclave Engrs, 860 E 19 St, Erie, Pa

TUBING, SEAMLESS continued

Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Michigan Seamless Tube Co, S Lyon, Mich
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Quaker Rubber Corp, Tacony & Comly Sts, Phila 24, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Revere Copper & Brass, 230 Park Ave, N Y 17
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Wolverine Tube Div, 1850 Guardian Bldg, Detroit 26, Mich

TUBING, STAINLESS

Autoclave Engrs, 860 E 19 St, Erie, Pa
Babcock & Wilcox Co, 161 E 42 St, N Y 17
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Duraloy Co, Bridge St, Scottdale, Pa
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Filter Paper Co, 2442 S Michigan Ave, Chicago 16, Ill
Flexonics Corp, 1386 S 3 Ave, Maywood, Ill
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Lebanon Steel Foundry, Lebanon, Pa
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
National Tube Div, 525 William Penn Pl, Pittsburgh 30, Pa
Republic Steel Corp, Steel & Tubes Div, 224 E 131 St, Cleveland 8, Ohio
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
United States Steel Supply Div, 208 S LaSalle St, Chicago 4, Ill
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

TUBING, TANTALUM

C Tennant, Sons & Co of N Y, 100 Park Ave, N Y 17

TUBING, TIN

Federated Metals Div, 120 Broadway, N Y 5
A B Murray Co, 649 Green Lane, Elizabeth, N J

TUBING, ZIRCONIUM

C Tennant, Sons & Co of N Y, 100 Park Ave, N Y 17

TURBIDITY INDICATORS, RECORDERS

Electric Eye Equipment Co, 6 W Fairchild St, Danville, Ill
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Hellige Inc, 877 Stewart Ave, Garden City, N Y
Infilco, Inc, P O Box 5033, Tucson, Ariz

TURBINES, GAS

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Clark Bros Co, Olean, N Y
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y

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Clark Bros Co, Olean, N Y
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y

TURBINES, STEAM

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Clark Bros Co, Olean, N Y
Coppus Engrg Corp, 344 Park Ave, Worcester 2, Mass
DeLaval Steam Turbine Co, Trenton 2, N J
Elliott Co, Jeannette, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa
Whiton Mach Co, 190 Howard St, New London, Conn
L J Wing Mfg Co, 310 Vreeland Mills Rd, Linden, N J
Worthington Corp, Worthington Ave, Harrison, N J

TURNTABLES

Engineering Products Co, 122 S Michigan Blvd, Chicago 3, Ill
Hardinge Co, 240 Arch St, York, Pa
Revolvator Co, 86 St at Tonnelle Ave, Routes 1 & 9, N Bergen, N J
Swenson Evaporator Div, 157 & Lathrop Sts, Harvey, Ill

UNLOADERS, CAR

E W Buschman Co, 4479 Clifton Ave, Cincinnati 32, Ohio
J C Corrigan Co, 41 Norwood St, Boston 22, Mass
Heyl & Patterson, 55 Water St, Pittsburgh 22, Pa
Frank G Hough Co, Libertyville, Ill
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
Stearns Magnetic, 672 S 28 St, Milwaukee 46, Wis
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

UNLOADERS, VIBRATING, CAR

Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill

VALVES, ACID-RESISTING

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Ceramics & Steatite Corp, Keasbey, N J
General Controls Co, Glendale, Cal
B F Goodrich Co, 500 S Main St, Akron, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
National Carbon Co Div, 30 E 42 St, N Y 17
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Resisto Pipe & Valve Co, 260 Bridge St, Cambridge 41, Mass
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Sentinel Glass Co, Box 58, Hatboro, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
M H Treadwell Co, 140 Cedar St, N Y 6
Tri-Clover Mach Co, Kenosha, Wis
United States Rubber Co, 1230 Ave of The Americas, N Y 20
United States Stoneware Co, 60 E 42 St, N Y 17
Walworth Co, 60 E 42 St, N Y 17

VALVES, ALLOY STEEL

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Tri-Clover Mach Co, Kenosha, Wis
Walworth Co, 60 E 42 St, N Y 17

VALVES, ALUMINUM ALLOY

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
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A W Cash Co, 540 N 18 St, Decatur, Ill

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Ray Miller Inc, 252 N 10 St, Newark, N J
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
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Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
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VALVES, AUTOMATIC

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bristol Co, Waterbury 20, Conn
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
DeZurik Shower Co, Sartell, Minn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
W A Kates Co, 430 Waukegan Rd, Deerfield, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Permutit Co, 330 W 42 St, N Y 36
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

VALVES, BACK PRESSURE

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
A W Cash Co, 540 N 18 St, Decatur, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

VALVES, BLOWOFF

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

VALVES, BUTTERFLY

Annin Co, 3500 Union Pacfiic Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Ceramics & Steatite Corp, Keasbey, N J
General Controls Co, Glendale, Cal
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Tri-Clover Mach Co, Kenosha, Wis
Worthington Corp, Worthington Ave, Harrison, N J

VALVES, BYPASS

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
Edward Valves, 1200 W 145 St, E Chicago, Ind
General Controls Co, Glendale, Cal
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Walworth Co, 60 E 42 St, N Y 17

VALVES, CHECK

American Car & Foundry Co, 30 Church St, N Y 8
American Hard Rubber Co, 93 Worth St, N Y 13
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Cooper Alloy Foundry Co, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
Durlron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
General Ceramics & Steatite Corp, Keasbey, N J
Gilbert & Barker Mfg Co, W Springfield, Mass
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
H S Martin & Co, 1916 Greenleaf Ave, Evanston, Ill
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa



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Bulletin V/7

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VALVES, CONTROL, ELECTRIC

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Bristol Co, Waterbury 20, Conn
Bryant Industries Div, 17825 St Clair Ave, Cleveland 10, Ohio
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Darling Valve & Mfg Co, Ft of Walnut St, Williamsport, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Philadelphia Gear Works, Erie Ave & G St, Phila 24, Pa
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Sarco Co, 350 5 Ave, N Y 1
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Walworth Co, 60 E 42 St, N Y 17

VALVES, CONTROL, HYDRAULIC

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Bonnot Co, 722 Mulberry Rd S E, Canton 2, Ohio
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass

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DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kieley & Mueller, 2013 43 St, N Bergen, N J
Parker Appliance Co, 17325 Euclid Ave, Cleveland 12, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Sarco Co, 350 5 Ave, N Y 1
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Texas Lawn Sprinkler Co, 5422 Redfield St, Dallas, Tex
Walworth Co, 60 E 42 St, N Y 17

VALVES, CORROSION RESISTANT

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Hard Rubber Co, 93 Worth St, N Y 13
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Ceramics & Steatite Corp, Keasbey, N J
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
H N Hartwell & Son, 947 Park Sq Bldg, Boston, Mass
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lead Lined Iron Pipe Co, 33 Broadway, Wakefield, Mass
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
National Carbon Co Div, 30 E 42 St, N Y 17
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Resisto Pipe & Valve Co, 260 Bridge St, Cambridge 41, Mass
Resistoflex Corp, 39 Piansoen St, Belleville 9, N J
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
M H Treadwell Co, 140 Cedar St, N Y 6
Tri-Clover Mach Co, Kenosha, Wis
United States Rubber Co, 1230 Ave of The Americas, N Y 20
Walworth Co, 60 E 42 St, N Y 17

VALVES, DIAPHRAGM

American Hard Rubber Co, 93 Worth St, N Y 13
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Ceramics & Steatite Corp, Keasbey, N J
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Kieley & Mueller, 2013 43 St, N Bergen, N J
Maurice A Knight, P O Box 111, Akron 6, Ohio
Leslie Co, Grant Ave, Lyndhurst, N J
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Tagliabue Instruments Div, 614 Freilnghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Texas Lawn Sprinkler Co, 5422 Redfield St, Dallas, Tex
Trane Co, 3 & Cameron Ave, LaCrosse, Wis
United States Rubber Co, 1230 Ave of The Americas, N Y 20

VALVES, DIAPHRAGM CONTROL

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schade Valve Mg Cc, 2527 N Bodine St, Phila 33, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Tagliabue Instruments Div, 614 Freilnghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Texas Lawn Sprinkler Co, 5422 Redfield St, Dallas, Tex
United States Rubber Co, 1230 Ave of The Americas, N Y 20
Vulcan Rubber Products, 58 St & 1 Ave, Bklyn 20, N Y

VALVES, ELECTRIC

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Beico Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Ilanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Texas Lawn Sprinkler Co, 5422 Redfield St, Dallas, Tex

VALVES, FLOAT

American Hard Rubber Co, 93 Worth St, N Y 13
Atlas Valve Co, 280 South St, Newark 5, N J
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
A W Cash Co, 540 N 18 St, Decatur, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
General Ceramics & Steatite Corp, Keasbey, N J
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa

W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Warner Lewis Co, 817 N Lewis Pl, Tulsa, Okla

VALVES, GAGE

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Edward Valves, 1200 W 145 St, E Chicago, Ind
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
O C Keckley Co, 400 W Madison, Chicago, Ill
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Walworth Co, 60 E 42 St, N Y 17

VALVES, GAS REVERSING

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
H K Porter Co, 1150 N Peoria, Tulsa, Okla

VALVES, GATE

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Controls Co, Glendale, Cal
Gifford-Wood Co, 1 Hudson Ave, Hudson, N Y
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Ray Miller, Inc, 252 N 10 St, Newark, N J
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill
Trane Co, 3 & Cameron Ave, LaCrosse, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio
Worthington Corp, Worthington Ave, Harrison, N J

VALVES, GATE, ROTARY

Cameron Iron Works, P O Box 1212, Houston 1, Tex
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Pulverizing Machy Co, 33 Chatham Rd, Summit, N J
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

VALVES, GLASS

Corning Glass Works, Corning, N Y
Sentinel Glass Co, Box 58, Hatboro, Pa

VALVES, GLASS LINED

Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Pfaudler Co, 1000 West Ave, Rochester 3, N Y

VALVES, GLOBE

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
DeZurik Shower Co, Sartell, Minn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Grinnell Co, 260 W Exchange St, Providence 1, R I
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Tri-Clover Mach Co, Kenosha, Wis
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

VALVES, HARD RUBBER

American Hard Rubber Co, 93 Worth St, NY 13
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
DeZurik Shower Co, Sartell, Minn
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Ray Miller Inc, 252 N 10 St, Newark, N J
Quaker Rubber Co, Tacony & Comly Sts, Phila 24, Pa

VALVES, HIGH PRESSURE, CYLINDER

American Car & Foundry Co, 30 Church St, N Y 8
Atlas Valve Co, 280 South St, Newark 5, N J
Autoclave Engrs, 860 E 19 St, Erie, Pa
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Chemtech Products Corp, 62 William St, N Y 5
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Walworth Co, 60 E 42 St, N Y 17

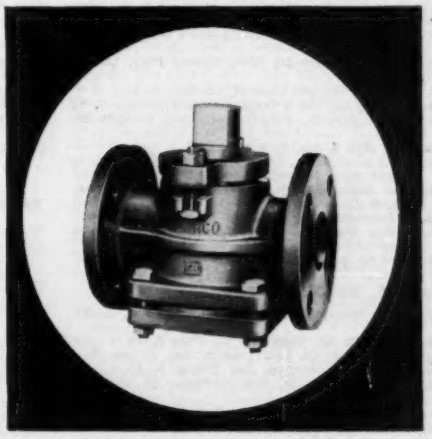
VALVES, JACKETED

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Car & Foundry Co, 30 Church St, N Y 8
Darling Valve & Mfg Co, Ft of Walnut St, Williamsport, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Walworth Co, 60 E 42 St, N Y 17

VALVES, LEVER OPERATED

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St & Garrett Pl, Englewood, N J
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
W H Nicholson & Co, 12 Oregon St, Wilkes-Barre, Pa
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

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VALVES, LUBRICATED PLUG

American Car & Foundry Co, 30 Church St, N Y 8
A W Cash Co, 540 N 18 St, Decatur, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Maurice A Knight, P O Box 111, Akron 6, Ohio
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Walworth Co, 60 E 42 St, N Y 17

VALVES, MOTOR OPERATED

American Car & Foundry Co, 30 Church St, N Y 8
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Bristol Co, Waterbury 20, Conn
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Dickson Co, 7420 Woodlawn Ave, Chicago 19, Ill
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
O C Keckley Co, 400 W Madison, Chicago, Ill
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Sarco Co, 350 5 Ave, N Y 1
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Tagliabue Instruments Div, 614 Freilinghuysen Ave, Newark 5, N J
Taylor Instrument Cos, 95 Ames St, Rochester 1, N Y
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

VALVES, NEEDLE

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Meter Co, 1513 Race St, Phila 2, Pa
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
Edward Valves, 1200 W 145 St, E Chicago, Ind
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
H N Hartwell & Son, 947 Park Square Bldg, Boston, Mass
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Ray Miller Inc, 252 N 10 St, Newark, N J
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Torit Mfg Co, 292 Walnut St, St Paul 2, Minn
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

VALVES, NON-LUBRICATED

Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
Walworth Co, 60 E 42 St, N Y 17
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

VALVES, PACKLESS

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Resistoflex Corp, 39 Plansoen St, Belleville 9, N J
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa

VALVES, PILOT

Atlas Valve Co, 280 South St, Newark 5, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison St, Chicago 6, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo

VALVES, PLUG

American Car & Foundry Co, 30 Church St, N Y 8
Cameron Iron Works, P O Box 1212, Houston 1, Tex
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
James B Clow & Sons, 201-299 N Talman Ave, Chicago 80, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
General Ceramics & Steatite Corp, Keasbey, N J
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Imperial Brass Mfg Co, 1200 W Harrison St, Chicago 7, Ill
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Tri-Clover Mach Co, Kenosha, Wis
Walworth Co, 60 E 42 St, N Y 17

VALVES, PORCELAIN

General Ceramics & Steatite Corp, Keasbey, N J
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Ruckles Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

VALVES, QUICK OPENING

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Edward Valves, 1200 W 145 Ave, E Chicago, Ind
General Controls Co, Glendale, Cal
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Jerguson Gage & Valve Co, 87 Fellsway, Somerville 45, Mass
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Kieley & Mueller, 2013 43 St, N Bergen, N J
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Leslie Co, Grant Ave, Lyndhurst, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
McNally Pittsburg Mfg Corp, Pittsburg, Kan
Ray Miller, Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
D J Murray Mfg Co, 1002-24 3 St, Wausau, Wis
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Oliver United Filters, 33 W 42 St, N Y 36
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Sarco Co, 350 5 Ave, N Y 1
Sterling, Inc, 3738 N Holton St, Milwaukee 12, Wis
Texas Lawn Sprinkler Co, 5422 Red Field St, Dallas, Tex
Walworth Co, 60 E 42 St, N Y 17

VALVES, RADIATOR

Barber-Colman Co, 1300 Rock St, Rockford, Ill
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Chase Brass & Copper Co, 236 Grand St, Waterbury 20, Conn
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
Grinnell Co, 260 W Exchange St, Providence 1, R I
Kennedy Valve Mfg Co, 1021 E Water St, Elmira, N Y
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
R-P & C Valve Div, American Chain & Cable Co, Reading, Pa
Sarco Co, 350 5 Ave, N Y 1
Sterling Inc, 3738 N Holton St, Milwaukee 12, Wis
D T Williams Valve Co Div, 1086 Summer St, Cincinnati 4, Ohio

VALVES, REDUCING

Atlas Valve Co, 280 South St, Newark 5, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Continental Foundry & Mach Co, Northern Equipment Div, 1945 Grove Dr, Erie, Pa
Copes-Vulcan Div, Continental Foundry & Mach, 939 W 26 St, Erie, Pa
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Fulton Sylphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Matheson Co, 932 Paterson Plank Rd, E Rutherford, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Tagliabue Instruments Div, 614 Freilinghuysen Ave, Newark 5, N J

Looking for telephone numbers: See Catalog Section

VALVES, REGULATING

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Black, Sivalls & Bryson, Climax Controls Div, 15 N Cincinnati, Tulsa, Okla
Bristol Co, Waterbury 20, Conn
A W Cash Co, 540 N 18 St, Decatur, Ill
Clark Mfg Co, 1830 E 38 St, Cleveland 14, Ohio
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Fulton Syphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
B F Goodrich Co, 500 S Main St, Akron, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hanna Enrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hauck Mfg Co, 124-136 10 St, Bklyn 15, N Y
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Leslie Co, Grant Ave, Lyndhurst, N J
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Monarch Mfg Works Inc, 2501 E Ontario St, Phila 34, Pa
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
National Airoil Burner Co, 1332 E Sedgley Ave, Phila 34, Pa
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Powers Regulator Co, 3400 Oakton St, Skokie, Ill
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Strong, Carlisle & Hammond Co, 1392 W 3 St, Cleveland 13, Ohio
Tagliabue Instruments Div, 614 Frelinghuysen Ave, Newark 5, N J
Trane Co, 3 & Cameron Ave, LaCrosse, Wis
M H Treadwell Co, 140 Cedar St, N Y 6
Tri-Clover Mach Co, Kenosha, Wis

VALVES, RELIEF

American Car & Foundry Co, 30 Church St, N Y 8
Atlas Valve Co, 280 South St, Newark 5, N J
Bell & Gossett Co, 8200 N Austin Ave, Morton Grove, Ill
Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Dempster Bros, Springdale Ave, Knoxville 17, Tenn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Kaye & MacDonald, 15 Central Ave, W Orange, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Mueller Co, 512 W Cerro Gordo, Decatur, Ill
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Schade Valve Mfg Co, 2527 N Bodine St, Phila 33, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Trane Co, 3 & Cameron Aves, LaCrosse, Wis
Tri-Clover Mach Co, Kenosha, Wis
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis

VALVES, RUBBER LINED

American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Cameron Iron Works, P O Box 1212, Houston 1, Tex
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Goodall Rubber Co, 417 Whitehead Rd, Trenton 4, N J
B F Goodrich Co, 500 S Main St, Akron, Ohio
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Kieley & Mueller, 2013 43 St, N Bergen, N J
Metalweld Inc, 26 & Hunting Park Ave, Phila 29, Pa
Ray Miller Inc, 252 N 10 St, Newark, N J
Mine & Smelter Supply Co, P O Box 5270, Terminal Sta, Denver 17, Col
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Raybestos-Manhattan, 61 Willett St, Passaic, N J
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
M H Treadwell Co, 140 Cedar St, N Y 6
United States Rubber Co, 1230 Ave of the Americas, N Y 20

VALVES, SAFETY

American Car & Foundry Co, 30 Church St, N Y 8
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Crosby Steam Gage & Valve Co, 43 Kendrick St, Wrentham, Mass
Foster Engrg Co, 835 Lehigh Ave, Union, N J
O C Keckley Co, 400 W Madison, Chicago, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
North American Mfg Co, 4455 E 71 St, Cleveland 5, Ohio
Pfaudler Co, 1000 West Ave, Rochester 3, N Y
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis

VALVES, SANITARY

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
General Controls Co, Glendale, Cal
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Ray Miller, Inc, 252 N 10 St, Newark, N J
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

VALVES, SOLENOID

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Bailey Meter Co, 1050 Ivanhoe Rd, Cleveland 10, Ohio
Barber-Colman Co, 1300 Rock St, Rockford, Ill
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Bryant Industrial Div, 17825 St Clair Ave, Cleveland 10, Ohio
A W Cash Co, 540 N 18 St, Decatur, Ill
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
Dearborn Chem Co, Merchandise Mart Plaza, Chicago 54, Ill
General Controls Co, Glendale, Cal
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Metals Corp, 18 & Florida Sts, San Francisco, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Hanna Engrg Works, 1765 N Elston Ave, Chicago 22, Ill
Hannifin Corp, 1138 S Kilbourn Ave, Chicago 24, Ill
Hydraulic Press Mfg Co, Marion Rd, Mt Gilead, Ohio
O C Keckley Co, 400 W Madison, Chicago, Ill
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
Mercoid Corp, 4211 Belmont Ave, Chicago 41, Ill
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Spence Engrg Co Inc, 29-41 Grant St, Walden, N Y
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo

VALVES, STEAM JACKETED

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Car & Foundry Co, 30 Church St, N Y 8
Darling Valve & Mfg Co, Ft of Walnut St, Williamsport, Pa
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Jerguson Gage & Valve Co, 87 Felisway, Somerville 45, Mass
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Walworth Co, 60 E 42 St, N Y 17

VALVES, STEEL

Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Atlas Valve Co, 280 South St, Newark 5, N J
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Chapman Valve Mfg Co, 203 Hampshire St, Indian Orchard, Mass
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Kerotest Mfg Co, 2525 Liberty Ave, Pittsburgh 22, Pa
Kieley & Mueller, 2013 43 St, N Bergen, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Manning, Maxwell & Moore, 250 E Main St, Stratford, Conn
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
H K Porter Co, 1150 N Peoria, Tulsa, Okla
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
Republic Flow Meters Co, 2240 Diversey Pkwy, Chicago 47, Ill
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Henry Vogt Mach Co, 1000 W Ormsby St, Louisville 10, Ky
Walworth Co, 60 E 42 St, N Y 17

VALVES, STEEL, STAINLESS

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
American Car & Foundry Co, 30 Church St, N Y 8
Annin Co, 3500 Union Pacific Ave, Los Angeles 23, Cal
Autoclave Engrs, 860 E 19 St, Erie, Pa
Automatic Switch Co, 391 Lakeside Ave, Orange, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 St, E Chicago, Ind
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
General Controls Co, Glendale, Cal
Golden-Anderson Valve Specialty Co, 207 Keenan Bldg, Pittsburgh 22, Pa
Grinnell Co, 260 W Exchange St, Providence 1, R I
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke, Inc, S Dean St at Garrett Pl, Englewood, N J
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller Inc, 252 N 10 St, Newark, N J
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
Penberthy Injector Co Div, 1242 Holden Ave, Detroit 2, Mich
Pennsylvania Pump & Compressor Co, Bushkill Dr, Easton, Pa
H K Porter Co, 1150 N Peoria, Tulsa, Okla
R-P&C Valve Div, American Chain & Cable Co, Reading, Pa
W S Rockwell Co, 200 Eliot St, Fairfield, Conn
Rockwell Mfg Co, 400 N Lexington Ave, Pittsburgh 8, Pa
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
Special Screw Products Co, 5445 Dunham Rd, Bedford, Ohio
Standard Mach & Mfg Co, 8213 Gravois, St Louis 23, Mo
Tri-Clover Mach Co, Kenosha, Wis
Walworth Co, 60 E 42 St, N Y 17

VALVES, STONEWARE

General Ceramics & Steatite Corp, Keasbey, N J
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Maurice A Knight, P O Box 111, Akron 6, Ohio
Ruckels Potteries, 234 Worcester St, White Hall, Ill
United States Stoneware Co, 60 E 42 St, N Y 17

VALVES, VACUUM

Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
Cameron Iron Works, P O Box 1212, Houston 1, Tex
A W Cash Co, 540 N 18 St, Decatur, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
DeZurik Shower Co, Sartell, Minn
Distillation Products Industries Div, Rochester 3, N Y
Fisher Governor Co, Fisher Bldg, Marshalltown, Iowa
Foster Engrg Co, 835 Lehigh Ave, Union, N J
Fulton Syphon Div, 2400 Cumberland Ave, Knoxville 4, Tenn
General Controls Co, Glendale, Cal
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Hannifin Corp, 1138 S Kilbourn Ave, Chicago, Ill
Hills McCanna Co, 3025 N Western Ave, Chicago 18, Ill
Hoke Inc, S Dean St at Garrett Pl, Englewood, N J
Kieley & Mueller, 2013 43 St, N Bergen, N J
Kinney Mfg Co, 3529 Washington St, Boston 30, Mass
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
Walworth Co, 60 E 42 St, N Y 17

VALVES, VENT

Black, Sivalls & Bryson, 7500 E 12 St, Kansas City 26, Mo
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Darling Valve & Mfg Co, Foot of Walnut St, Williamsport 61, Pa
General Controls Co, Glendale, Cal
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Jas P Marsh Corp, 3501 Howard St, Skokie, Ill
C E Squires Co, 18502 Syracuse Ave, Cleveland 10, Ohio
Vapor Recovery Systems Co, 2820 N Alameda, P O Drawer 231, Compton, Cal
J A Zurn Mfg Co, 1801 Pittsburgh Ave, Erie, Pa

VALVES, Y STYLE

Alloy Steel Products Co, 1300 W Elizabeth Ave, Linden, N J
Barksdale Valves, 1566 E Slauson Ave, Los Angeles 11, Cal
Cooper Alloy Foundry Co, Hillside, N J
Duriron Co, 425 N Findly St, Dayton 1, Ohio
Edward Valves, 1200 W 145 Ave, E Chicago, Ind
Hammel-Dahl Co, 175 Post Rd, Edgewood Postal Sta, Providence 5, R I
Illinois Elec Porcelain Co, 510 N Pearl St, Macomb, Ill
Lapp Insulator Co, 32 Gilbert St, LeRoy, N Y
Lunkenheimer Co, P O Box 360GG, Cincinnati 14, Ohio
Ray Miller, Inc, 252 N 10 St, Newark, N J
Ohio Injector Co, 175 Chemical St, Wadsworth, Ohio
William Powell Co, 2525 Spring Grove Ave, Cincinnati 22, Ohio
Walworth Co, 60 E 42 St, N Y 17

VAPORIZERS, CHLORINE

L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J

VESSELS, RUBBER LINED

American Anode Div, 60 Cherry St, Akron 8, Ohio
American Hard Rubber Co, 93 Worth St, N Y 13
Automotive Rubber Co, 8601 Epworth Blvd, Detroit 4, Mich
Belke Mfg Co, 947 N Cicero Ave, Chicago 51, Ill
Heil Process Equipment Corp, 12901 Elmwood Ave, Cleveland 11, Ohio
Maurice A Knight, P O Box 111, Akron 6, Ohio
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Patterson-Kelley Co, E Stroudsburg, Pa
Raybestos-Manhattan, 61 Willett St, Passaic, N J
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
United States Rubber Co, 1230 Ave of the Americas, N Y 20

VIBRATORS

Cleveland Vibrator Co, 2828 Clinton Ave, Cleveland 13, Ohio
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Syntron Co, 422 Lexington Ave, Homer City, Pa
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio

VISCOSIMETERS

Brookfield Engrg Labs, 240 Cushing St, Stoughton, Mass
Electro-Physics Co, 287 Broadway, N Y 7
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Norcross Corp, 247 Newtonville Ave, Newton 58, Mass
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

VOLTMETERS, RECORDING

Bristol Co, Waterbury 20, Conn
Esterline-Angus Co, P O Box 596, Indianapolis 6, Ind
Foxboro Co, 38 Neponset Ave, Foxboro, Mass
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y

VULCANIZERS

Acme Coppersmithing & Mach Co, Mill Rd, Oreland, Pa
Buflovak Equipment Div, 1579 Fillmore Ave, Buffalo 11, N Y
Equitable Paper Bag Co, 45-50 Van Dam St, L I C, N Y
L O Koven & Bro, 154 Ogden Ave, Jersey City 7, N J
M H Treadwell Co, 140 Cedar St, N Y 6

WADDING, ABSORBENT

Consolidated Packaging Machy Corp, 1400 West Ave, Buffalo 13, N Y
Kimberly Clark Corp, Neenah, Wis

WASHERS, AIR

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Clarage Fan Co, Kalamazoo, Mich
S P Kinney Engs, 201 2 Ave, Carnegie, Pa
Maurice A Knight, P O Box 111, Akron 6, Ohio
J O Ross Engrg Corp, 444 Madison Ave, N Y 22
Saran Lined Pipe Co, 2415 Burdette Ave, Ferndale 20, Mich
Spray Engrg Co, 114 Central St, Somerville, Mass
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Trane Co, 3 & Cameron, La Crosse, Wis
M H Treadwell Co, 140 Cedar St, N Y 6

WASHERS, BOTTLE

Arnold Dryer Co, 3000 W Montana St, Milwaukee, Wis
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Kari Kiefer Mach Co, 919 Martin St, Cincinnati, Ohio
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal

WASHERS, DRUM

Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Detrex Corp, 14331 Woodrow Wilson, Box 501, Detroit 32, Mich
Emerson-Scheuring Tank & Mfg Co, 2073 Martindale Ave, Indianapolis 7, Ind
Hodgson Engrg & Mfg Co, 1505 E 7 St, Tulsa, Okla

WASHERS, GAS

Aqua-Therm Inc, 39 N Torrence St, Dayton, Ohio
Birmingham Tank Co Sub, P O Box 1490, 620 4 Ave S, Birmingham, Ala
Despatch Oven Co, 619 S E 8 St, Minneapolis 14, Minn
Gas Machy Co, 16100 Waterloo Rd, Cleveland 10, Ohio
S P Kinney Engrs, 201 2 Ave, Carnegie, Pa
Maurice A. Knight, PO Box 111, Akron 6, Ohio
Schutte & Koerting Co, Cornwells Heights, Bucks Co, Pa
M H Treadwell Co, 140 Cedar St, N Y 6

WASHERS, ORE, ROCK, CLAY, ETC.

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Carrier Conveyor Corp, 2144 Frankfort Ave, Louisville 6, Ky
Dorr Co Engrs, Barry Pl, Stamford, Conn
Hardinge Co, 240 Arch St, York, Pa
Lippmann Engrg Works, 4603 W Mitchell St, Milwaukee 14, Wis
McLanahan & Stone Corp, Hollidaysburg, Pa
Universal Rd Machy Co, Kingston, N Y
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill

WATER ANALYSIS EQUIPMENT

Dearborn Chem Co, 375 Merchandise Mart Plaza, Chicago 54, Ill
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hagan Corp, 323 4 Ave, Pittsburgh 30, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilige Inc, 877 Stewart Ave, Garden City, N Y
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Permutit Co, 330 W 42 St, N Y 36
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
W A Taylor & Co, 7300 York Rd, Baltimore 4, Md

WATER COOLING EQUIPMENT

Acme Industries, Dept CWG, 600 N Mechanic St, Jackson, Mich
Brunner Mfg Co, 1821 Broad St, Utica 1, N Y
Cherry-Burrell Corp, 427 W Randolph St, Chicago 6, Ill
Croll-Reynolds Co, Inc, 751 Central Ave, Westfield, N J
Davis Engrg Corp, 30 Rockefeller Plaza, N Y 20
Oscar Fisher Co, 1000 N Division St, Peekskill, N Y
Fluor Corp, 2500 S Atlantic Blvd, Los Angeles 22, Cal
Foster Wheeler Corp, 165 Broadway, N Y 6
General Motors Corp, Frigidaire Div, 300 Taylor St, Dayton 1, Ohio
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heat-X-Changer Co, Brewster, N Y
Kold-Hold Mfg Co, 735 E Hazel St, Lansing 4, Mich
Marley Co, 222 W Gregory Blvd, Kansas City 5, Mo
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
Mojonnier Bros Co, 4601 W Ohio St, Chicago 44, Ill
Nichols Engrg & Research Corp, 70 Pine St, N Y 5
Patterson-Kelley Co, E Stroudsburg, Pa
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Sims Co, 1402 E 18 St, Erie, Pa
Sturtevant Div, 125 Reedville St, Hyde Park, Boston 36, Mass
Trane Co, 3 & Cameron, La Crosse, Wis

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Croll-Reynolds Chill-Vactor equipment uses the Evactors described above to chill water and aqueous solutions by evaporative cooling. The total capacity of Chill-Vactors installed to date is equal to over 32,000 tons of ice per day. This equipment is furnishing chilled water for air conditioning, chilled liquors for chemical process work and for chilling porous solids and wetted surfaces.

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New York Office — 17 John Street, New York 38, N. Y.

Chill-Vactors Steam Jet Evactors Condensing Equipment

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Superior Combustion Industries, 1475 Broadway, N Y 18
Vilter Mfg Co, 2217 S 1 St, Milwaukee 7, Wis
Whitlock Mfg Co, 74 South St, Elmwood, Hartford 10, Conn
Worthington Corp, Worthington Ave, Harrison, N J
Young Radiator Co, 709 S Marquette St, Racine, Wis

WATER PURIFICATION APPARATUS AND EQUIPMENT

R P Adams Co, 240 E Park Dr, Buffalo, N Y
Aetna Scientific Co, 2 & Spring Sts, Everett 49, Mass
Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Builders-Providence, 345 Harris Ave, Providence, R I
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Chemtech Products Corp, 62 William St, N Y 5
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Dearborn Chem Co, 375 Merchandise Mart Plaza, Chicago 54, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Fischer & Porter Co, 275 Warminster Rd, Hatboro, Pa
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Hardinge Co, 240 Arch St, York, Pa
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Jeffrey Mfg Co, 777 N 4 St, Columbus 16, Ohio
Komline-Sanderson Engrg Corp, Peapack, N J
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Link-Belt Co, 307 N Michigan Ave, Chicago 1, Ill
McQuay Inc, 1600 Broadway St N E, Minneapolis, Minn
National Molded Piping Distributors, 387 W Side Ave, Jersey City 4, N J
Ogden Filter Co, 4214 Santa Monica Blvd, Los Angeles 29, Cal
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
Precision Scientific Co, 3737 W Cortland St, Chicago 47, Ill
% Proportioneers Inc %, 345 Harris Ave, Providence 9, R I
F J Stokes Mach Co, 5500 Tabor Rd, Phila 20, Pa
Syntron Co, 422 Lexington Ave, Homer City, Pa
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Wallace & Tiernan Co, Box 178, Newark, N J
Welsbach Corp, 1500 Walnut St, Phila 2, Pa
Worthington Corp, Worthington Ave, Harrison, N J

WATER SOFTENING AND PURIFYING PLANTS, ETC.

Allis-Chalmers Mfg Co, 1150 S 70 St, Milwaukee, Wis
Belco Industrial Equipment Div, 100 Pennsylvania Ave, Paterson 3, N J
Chemical Equipment Co of Cal, P O Box 3098, Terminal Annex, Los Angeles 54, Cal
Cleaver-Brooks Co, 326 E Keefe Ave, Milwaukee 12, Wis
Cooper Hewitt Elec Co, 720-732 Grand St, Hoboken, N J
Dearborn Chem Co, 375 Merchandise Mart Plaza, Chicago 54, Ill
Dorr Co Engrs, Barry Pl, Stamford, Conn
Elgin Softener Corp, 134 N Grove Ave, Elgin, Ill
Enley Products, 254 Pearl St, N Y 38
Graver Water Conditioning Co, 216 W 14 St, N Y 11
Heilman Boiler Works, 128 Linden St, Allentown, Pa
Illinois Water Treatment Co, 840 Cedar St, Rockford, Ill
Infilco Inc, Box 5033, Tucson, Ariz
Layne & Bowler, Box 6697, Hollywood Sta, Memphis 8, Tenn
Penfield Mfg Co, 19 High School Ave, Meriden, Conn
Permutit Co, 330 W 42 St, N Y 36
J F Pritchard & Co, 210 W 10 St, Kansas City 5, Mo
Rheem Mfg Co, 570 Lexington Ave, N Y 22
Submerged Combustion Co of America, 759 Logan St, P O Box 267, Hammond, Ind
Walker Process Equipment, Inc, 840 Russell Ave, Aurora, Ill
Worthington Corp, Worthington Ave, Harrison, N J

WEIGHING MACHINES

Christian Becker Div, Clifton, N J
Exact Weight Scale Co, 944 W 5 Ave, Columbus 8, Ohio
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
B F Gump Co, 1325 S Cicero Ave, Chicago 50, Ill
Merrick Scale Mfg Co, 180 Autumn St, Passaic, N J
Pneumatic Scale Corp, Newport Ave, Quincy-71, Mass
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J
Syntron Co, 422 Lexington Ave, Homer City, Pa
Toledo Scale Co, 1104 Telegraph Rd, Toledo 1, Ohio
Triangle Package Machy Co, 6635 W Diversey Ave, Chicago 35, Ill

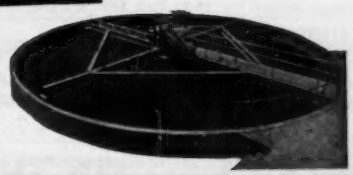
WEIGHTS, ANALYTICAL

Wm Ainsworth & Sons, 2151 Lawrence St, Denver 2, Col
Christian Becker Div, Clifton, N J
Fisher Scientific Co, 717 Forbes St, Pittsburgh 19, Pa
Emil Greiner Co, 20-26 N Moore St, N Y 13
Harshaw Scientific Div, 1945 E 97 St, Cleveland 6, Ohio
Arthur S La Pine & Co, 6001 S Knox Ave, Chicago 29, Ill
Scientific Glass Apparatus Co, 100 Lakewood Terrace, Bloomfield, N J

WELDING APPARATUS

DoALL Co, 254 N Laurel Ave, Des Plaines, Ill
Harnischfeger Corp, 4400 W National Ave, Milwaukee, Wis
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Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Dresser Mfg Div, 41 Fisher Ave, Bradford, Pa
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Grinnell Co, 260 W Exchange St, Providence 1, R I
Ladish Co, Cudahy, Wis
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
A B Murray Co, 649 Green Lane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
Tube Turns, 224 E Broadway, Louisville, Ky
Walworth Co, 60 E 42 St, N Y 17

WELDING FITTINGS, STAINLESS STEEL

Alloy Products Corp, 1045 Perkins Ave, Waukesha, Wis
Bristol Metal Products Corp, 500 Haynes St, Bristol, Tenn
Cooper Alloy Foundry Co, Bloy St, Hillside, N J
Crane Co, 836 S Michigan Ave, Chicago 5, Ill
Electric Steel Foundry Co, 2141 N W 25 Ave, Portland 10, Ore
Globe Steel Tubes Co, 3839 W Burnham St, Milwaukee 46, Wis
Grinnell Co, 260 W Exchange St, Providence 1, R I
Ladish Co, Cudahy, Wis
Michigan Steel Casting Co, 1999 Guoin St, Detroit 7, Mich
Midwest Piping Co, 1450 S 2 St, St Louis 4, Mo
Ray Miller Inc, 252 N 10 St, Newark, N J
A B Murray Co, 649 Green Lane, Elizabeth, N J
Taylor Forge & Pipe Works, P O Box 485, Chicago 90, Ill
L C Thomsen & Sons, 1307 43 St, Kenosha, Wis
Tri-Clover Mach Co, Kenosha, Wis
Tube Turns, 224 E Broadway, Louisville, Ky
Welding Fittings Corp, Box 860, New Castle, Pa
Youngstown Welding & Engr Co, 3800 Oakwood Ave, Youngstown 9, Ohio

WELLS, THERMOCOUPLE

Bristol Co, Waterbury 20, Conn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44, Pa
Minneapolis-Honeywell Regulator Co, 2753 4 Ave S, Minneapolis 8, Minn
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Moeller Instrument Co, 132 St & 89 Ave, Richmond Hill 18, N Y
A B Murray Co, 649 Green Lane, Elizabeth, N J
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass
Wall Colmonoy Corp, 19345 John R St, Detroit 3, Mich

WINCHES AND WINDLASSES

C O Bartlett & Snow Co, 6200 Harvard Ave, Cleveland 5, Ohio
Chicago Pneumatic Tool Co, 6 E 44 St, N Y 17
Johnston & Jennings Co Div, 4700 W Division St, Chicago 51, Ill
Robbins & Myers, 1345 Lagonda Ave, Springfield, Ohio
Shepard Niles Crane & Hoist Corp, Schuyler Ave, Montour Falls, N Y
Silent Hoist & Crane Co, 841-877 63 St, Bklyn 20, N Y
Stephens-Adamson Mfg Co, Ridgeway Ave, Aurora, Ill

WIRE, ALUMINUM

Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky

WIRE, CORROSION-RESISTING

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Ampco Metal, 1730 S 38 St, Milwaukee 46, Wis
Arcos Corp, 1500 S 50 St, Phila 43, Pa
General Elec Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Knapp Mills, 23-15 Borden Ave, L I C, N Y
Page Steel & Wire Div, American Chain & Cable Co, Monessen, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio

WIRE, MESH

Buffalo Wire Works Co, 320 Terrace, Buffalo 2, N Y
Cleveland Wire Cloth & Mfg Co, 3573 E 78 St, Cleveland 5, Ohio
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Hewitt-Robins, 666 Glenbrook Rd, Stamford, Conn
C O Jelliff Mfg Corp, Pequot Rd, Southport, Conn
Ludlow-Saylor Wire Co, 634 S Newstead Ave, St Louis 10, Mo
Michigan Wire Cloth Co, 2055 Howard St, Detroit 16, Mich
Multi-Metal Wire Cloth Co, 1342 Garrison Ave, N Y 59
Newark Wire Cloth Co, 351 Verona Ave, Newark 4, N J
Rolock Inc, 1350 Kings Hway, Fairfield, Conn
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill
W S Tyler Co, 3615 Superior Ave, Cleveland 14, Ohio
Wickwire Div, Sterling St, Clinton, Mass

WIRE, RESISTANCE

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
C O Jelliff Mfg Corp, Pequot Rd, Southport, Conn
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass

WIRE, STAINLESS STEEL

Arcos Corp, 1500 S 50 St, Phila 43, Pa
Armco Steel Corp, 703 Curtis St, Middletown, Ohio
Crucible Steel Co of America, 405 Lexington Ave, N Y 17
Enzinger Union Corp, Hardpan Rd, Angola, N Y
Page Steel & Wire Div, American Chain & Cable Co, Monessen, Pa
Republic Steel Corp, Republic Bldg, Cleveland 1, Ohio
Joseph T Ryerson & Son, Box 8000-A, Chicago 80, Ill

WIRE, THERMOCOUPLE

Bristol Co, Waterbury 20, Conn
Driver-Harris Co, 201 Middlesex St, Harrison, N J
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
Hoskins Mfg Co, 4445 Lawton Ave, Detroit 8, Mich
Leeds & Northrup Co, 4970 Stenton Ave, Phila 44 Pa
Minneapolis-Honeywell Regulator Co, Industrial Div, 4493 Wayne & Windrim Aves, Phila 44, Pa
Arklay S Richards Co, 34 Winchester St, Newton Highlands 61, Mass

WIRE, WELDING

American Brass Co, 414 Meadow St, Waterbury 20, Conn
Arcos Corp, 1500 S 50 St, Phila 43, Pa
Bridgeport Brass Co, 30 Grand St, Bridgeport, Conn
General Elec Co, Apparatus Sales Div, 1 River Rd, Schenectady 5, N Y
General Elec Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn
Haynes Stellite Co Div, Le Van Bldg, Kokomo, Ind
Linde Air Products Co Div, 30 E 42 St, N Y 17
Page Steel & Wire Div, American Chain & Cable Co, Monessen, Pa
Taylor-Wharton Iron & Steel Co, Cincinnati, Ohio

WIRING DEVICES, ELECTRICAL

W H Brady Co, 712 W Glendale Ave, Milwaukee 12, Wis
Cutler-Hammer, 524 N 12 St, Milwaukee 1, Wis
General Elec Co, Construction Materials Div, 1285 Boston Ave, Bridgeport 2, Conn
National Elec Mfg Co, 1107 Sheffield, Niles, Mich
Westinghouse Elec Corp, Box 868, Pittsburgh 30, Pa

WOOL, GLASS

Glass Fibers, 1810 Madison Ave, Toledo 2, Ohio

WOOL, LEAD

Federated Metals Div, 120 Broadway, N Y 5

WOOL, MINERAL

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Johns-Manville, 22 E 40 St, N Y 16

WOOL, ROCK

Philip Carey Mfg Co, Lockland, Cincinnati 15, Ohio
Eagle-Picher Co, American Bldg, Cincinnati 1, Ohio
Reynolds Metals Co, 2500 S 3 St, Louisville 1, Ky
Johns-Manville, 22 E 40 St, N Y 16

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An alphabetical list of such equipment with a buyer's guide of dealers

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AGITATORS
Aaron Equipment Co, 1347 S Ashland, Chicago, Ill
Consolidated Products Co, 13-21 Park Row, N Y 38
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill

AUTOCLAVES
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Equipment Clearing House, 289 10th St, Bklyn 15, N Y
First Machinery Corp, 157 Hudson St, N Y 13
Machinery & Equipment Co, 533 W Broadway, N Y 12

BLOWERS
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill
Wm W Meyer & Sons Inc, 8247 Elmwood Ave, Skokie, Ill

BOILERS
Consolidated Products Co, 13-21 Park Row, N Y 38
Value & Supply Co, 378 Bedford Ave, Brooklyn 11, N Y

CAN FILLING MACHINES
First Machinery Corp, 157 Hudson St, N Y 13

CANDY MACHINERY
Consolidated Products Co, 13-21 Park Row, N Y 38

CANNING MACHINERY
Consolidated Products Co, 13-21 Park Row, N Y 38
First Machinery Corp, 157 Hudson St, N Y 13

CAPPING MACHINERY
Process Industries, 307 Powell St, Brooklyn 12, N Y

CENTRIFUGES
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Brill Equipment Co, 2401 Third Ave, N Y 51
Consolidated Products Co, 13-21 Park Row, N Y 38
First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill
Machinery & Equipment Co, 533 W Broadway, N Y 12

CERAMIC MACHINERY
Consolidated Products Co, 13-21 Park Row, N Y 38

CHEMICAL PLANTS
Consolidated Products Co, 13-21 Park Row, N Y 38
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First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill

CHEWING GUM MACHINERY
Consolidated Products Co, 13-21 Park Row, N Y 38

CHILLING ROLLS
Consolidated Products Co, 13-21 Park Row, N Y 38

COLLAPSIBLE TUBE MACHINERY
Machinery & Equipment Co, 533 W Broadway, N Y 12

COLUMNS
First Machinery Corp, 157 Hudson St, N Y 13

COMPRESSORS
Consolidated Products Co, 13-21 Park Row, N Y 38
Value & Supply Co, 378 Bedford Ave, Brooklyn 11, N Y
Wm W Meyer & Sons Inc, 8247 Elmwood Ave, Skokie, Ill

CONDENSERS, BAROMETRIC
Consolidated Products Co, 13-21 Park Row, N Y 38

CONVEYORS, APRON
Consolidated Products Co, 13-21 Park Row, N Y 38

CONVEYORS, BELT
Consolidated Products Co, 13-21 Park Row, N Y 38

CONVEYORS, ROLLER
Aaron Equipment Co, 1347 S Ashland, Chicago, Ill

CONVEYORS, SCREW
Consolidated Products Co, 13-21 Park Row, N Y 38

COSMETIC MACHINERY
Consolidated Products Co, 13-21 Park Row, N Y 38
Equipment Clearing House, 289 10th St, Bklyn 15, N Y
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill

CRANES
Value & Supply Co, 378 Bedford Ave, Brooklyn 11, N Y

CRUSHERS
First Machinery Corp, 157 Hudson St, N Y 13

CRYSTALLIZERS
Consolidated Products Co, 13-21 Park Row, N Y 38

DISTILLATION EQUIPMENT
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Consolidated Products Co, 13-21 Park Row, N Y 38

DRYERS, DIRECT HEAT
Consolidated Products Co, 13-21 Park Row, N Y 38
Machinery & Equipment Co, 533 W Broadway, N Y 12

DRYERS DRUM, ROTARY, VACUUM
Brill Equipment Co, 2401 Third Ave, N Y 51
Consolidated Products Co, 13-21 Park Row, N Y 38
First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill
Machinery & Equipment Co, 533 W Broadway, N Y 12

DRYERS, SHELF, VACUUM
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Brill Equipment Co, 2401 Third Ave, N Y 51
Consolidated Products Co, 13-21 Park Row, N Y 38
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First Machinery Corp, 157 Hudson St, N Y 13
Machinery & Equipment Co, 533 W Broadway, N Y 12

DRYERS, STEAM TUBE
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DRYERS, TRAY
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Consolidated Products Co, 13-21 Park Row, N Y 38

DUST COLLECTORS
Wm W Meyer & Sons Inc, 8247 Elmwood Ave, Skokie, Ill

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Consolidated Products Co, 13-21 Park Row, N Y 38
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First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill
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Process Industries, 307 Powell St, Brooklyn 12, N Y

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First Machinery Corp, 157 Hudson St, N Y 13

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Brill Equipment Co, 2401 Third Ave, N Y 51
Consolidated Products Co, 13-21 Park Row, N Y 38
First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill
Process Industries, 307 Powell St, Brooklyn 12, N Y

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Consolidated Products Co, 13-21 Park Row, N Y 38

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MILLS, PEEBLE
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Consolidated Products Co, 13-21 Park Row, N Y 38
First Machinery Corp, 157 Hudson St, N Y 13
Machinery & Equipment Co, 533 W Broadway, N Y 12

MILLS, ROLLER
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MILLS, TUBE
Consolidated Products Co, 13-21 Park Row, N Y 38

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Aaron Equipment Co, 1347 S Ashland, Chicago, Ill
Arthur Processing Equipment Co, 135 Broadway, N Y 6
Brill Equipment Co, 2401 Third Ave, N Y 51
Consolidated Products Co, 13-21 Park Row, N Y 38
Equipment Clearing House, 289 10th St, Bklyn 15, N Y
First Machinery Corp, 157 Hudson St, N Y 13
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First Machinery Corp, 157 Hudson St, N Y 13

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First Machinery Corp, 157 Hudson St, N Y 13
Loeb Equip Supply Co, 1927 W North Ave, Chicago, Ill

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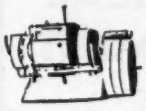
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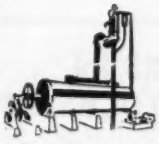
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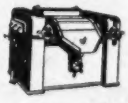

W. & P. Mixer

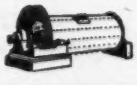

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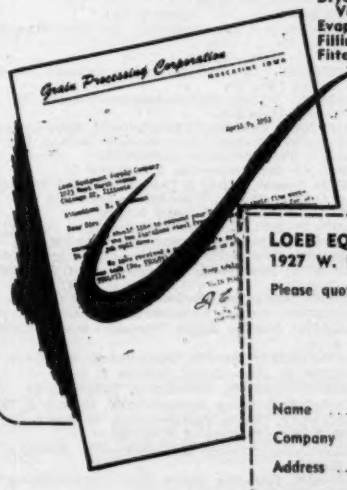
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A-1 ROYMETRIC: Pumps, Volume, Air Operated Controlled—Milton Roy Co
A-77: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
AA: Oil, Castor—Baker Castor Oil Co
AA: Waxes, Floor—Columbia Wax Co
A A COBALT: Plating Processes—Hanson-Van Winkle-Munning Co
AA QUALITY: Fertilizers—American Agricultural Chem Co
ABC: Casein—American-British Chem Supplies
ABC FOUNDRATES: Fluxes, Foundry—American-British Chem Supplies
ACF: Products—American Car & Foundry Co
ACL: Kilns, Rotary—Allis-Chalmers Mfg Co
ACP: Transformers—Allis-Chalmers Mfg Co
ACSX: Penetrants, Fur Dyeing—Siegel Chem Co
AF: Products—Alvey Ferguson Co
AF-41: Anti-Foaming Compounds—Feedwaters Inc
A-H: Products—Arrow-Hart & Hegeman Elec Co
A-M: Products—American-Maristia Co, Adhesive, Resin & Chem Div
AMF OAKES: Mixers, Continuous, Automatic—American Mach & Foundry Co
A-N-L: Fertilizer Compounds—Barrett Div
A-N-L: Fertilizer Compounds—Nitrogen Div, Allied Chem & Dye Corp
A-O-K: Polishes, Metal—Central O-B Products Co
A-P-C: Products—Alloy Products Corp
AP CLEANSER: Cleaners, Surface, Powdered—Utility Chem Co
API: Adhesives—Adhesive Products
APW: Products—American Platinum Works
AR: Chemicals, Analytical—Mallinckrodt Chem Works
AARDGUM: Extenders, Rubber—Emil Klemm Inc
AAROGUM: Extenders, Rubber—Emil Klemm Inc
ABALYN: Esters of Rosin—Hercules Powder Co
ABITOL: Alcohol, Hydroabietyl—Hercules Powder Co
ABOPON: Compounds, Flameproofing—Glyco Products Co
ABSORBO: Absorbents, Oil-Grease—Fidelity Chem Products Corp
ACCELATOR: Water Softening & Purifying—Infilco Inc
ACCELERATOR: Glue, Flexible—Swift & Co
ACCELERATOR D: Used for Polyesters—Marco Chem
ACCELERATOR E: Used for Polyesters—Marco Chem
AC'CENT: Monosodium Glutamate—International Minerals & Chem Corp, Amino Products Div
ACCOBRITE: Sizes, Rosin—American Cyanamid Co, Industrial Chem Div
ACCOCEL: Dispersants—American Cyanamid Co, Industrial Chem Div
ACCO-DRI: Adsorbents, Oil—American Colloid Co
ACCURAY: Gauges—Industrial Nucleonics Corp
ACE: Alkali, Caustic—Solvay Process Div
ACIDOLENE: Fat Liquors—Diamond Alkali Co
ACIDON: Membranes, Acid & Alkali Proof—Hell Process Equipment Corp
ACINTOL C: Oil, Tall, Crude—Arizona Chem Co
ACINTOL D: Oil, Tall, Distilled—Arizona Chem Co
ACINTOL DLR: Rosin, Low, Tall Oil, Distilled—Arizona Chem Co
ACINTOL FA1: Fatty Acids, Tall Oil—Arizona Chem Co
ACINTOL FA2: Fatty Acids, Tall Oil—Arizona Chem Co
ACINTOL P: Pitch, Tall Oil—Arizona Chem Co
ACINTOL R: Rosin, Tall Oil—Arizona Chem Co
ACITEX: Aprons & Sleeves—Chicago Eye Shield Co
ACITHERM 30: Stoneware—United States Stoneware Co
ACME: Compositions—Hanson-Van Winkle-Munning Co
ACME: Products—Acme Coppersmithing & Mach Co
ACOUSTICK: Adhesives—Atlas Adhesives Div
ACRAWAX: Waxes, Synthetic—Glyco Products Co
ACRYLOID: Resin Solutions—Rohm & Haas Co
ACRYLON: Rubber, Synthetic—American Monomer Corp
ACRYPOL: Latices, Acrylate—American Polymer Corp
ACRYSOL: Aqueous Solutions of Synthetic Resins—Rohm & Haas Co
ACTIVATED ALUMINA: desiccants—Aluminum Co of America
ACTO: Sulfonate, Sodium—Esso Standard Oil Co
ACTOL: Oils, Lubricating—Esso Standard Oil Co
ACTRASOL: Products—Arthur C Trask Co
ADCO: Cements, Rubber Tile—Adhesive Products Corp
ADELCO: Products—Adelphi Paint & Color Works
ADELPHI: Products—Adelphi Paint & Color Works
ADENOPHOS—Adenosine-5-Monophosphate—Sigma Chem Co
ADFLEX: Latex—Adhesive Products Corp
ADHERITE: Adhesives—Adhesive Products
ADIPOL: Plasticizers, Adipate—Ohio Apex Inc Div
ADIPOL 10A: Diisooctyl Adipate—Ohio-Apex Inc Div
ADIPOL BCA: Dibutoxyethyl Adipate—Ohio-Apex Inc Div
ADIPOL 2EH: Di-2-Ethylhexyl Adipate—Ohio-Apex Inc Div
ADIPOL ODY: n-Octyl Decyl Adipate—Ohio-Apex Inc Div
ADJUST-O-FEEDER: Pumps, Proportioning—% Proportioneers Inc %
ADMIRAL: Lubricators—William Powell Co
ADOL: Alcohols, Fatty—Archer-Daniels-Midland Co, Chem Products Div
ADRUB: Cements, Rubber—Adhesive Products Corp
ADSCO: Equipment, Steam Distribution—American District Steam Co
ADVAGUM: Compounding Materials, Rubber—Advance Solvents & Chem Corp
ADVAN: Accelerators, Rubber—Advance Solvents & Chem Corp
ADVARESIN: Soaps, Ester—Advance Solvents & Chem Corp
ADVAWAX: Modifiers, Wax—Advance Solvents & Chem Corp
ADVAWET: Wetting Agents—Advance Solvents & Chem Corp
ADWELD: Cements, Plastic—Adhesive Products Corp
AERO: Calcium Cyanamide—American Cyanamid Co, Agricultural Chem Div
AERO: Hose—Republic Rubber Div
AEROBRITE: Additives, Steel—American Cyanamid Co, Industrial Chem Div
AEROCARB: Carburizing Compounds—American Cyanamid Co, Industrial Chem Div
AEROCASE: Case-Hardening Compounds—American Cyanamid Co, Industrial Chem Div
AEROCAT: Catalysts, Cracking—American Cyanamid Co, Industrial Chem Div
AEROCLONE: Separators, Dust—Turner & Haws Engrg Co
AERODYNE: Products—Aerodyne Development Corp
AERODYNE: Fans & Blowers—Jeffrey Mfg Co
AEROFLOW: Drilling Mud Conditioning Compounds—American Cyanamid Co, Industrial Chem Div
AEROHEAT: Salts, Heat Treating—American Cyanamid Co, Industrial Chem Div
AEROLUBE: Additives, Lubricant—American Cyanamid Co, Industrial Chem Div
AEROMASTER: Fans, Tower, Cooling—Koppers Co
AERO-MIX: Stirrers—Precision Scientific Co
AEROPAN: Drilling Mud Conditioning Compounds—American Cyanamid Co, Industrial Chem Div
AERO-PHOS: Phosphate Rock—American Cyanamid Co, Agricultural Chem Div
AEROPRILLS: Ammonium Nitrate—American Cyanamid Co, Agricultural Chem Div
AEROQUIP: Hose, Air—Aeroquip Corp
AERO-SEALZ: Rubber Compounds, Hot Melt—Naugatuck Chem Div
AEROSIL: Silica—Godfrey L Cabot
AEROSIZE: Sizes, Paper—American Cyanamid Co, Industrial Chem Div
AEROSOL: Wetting Agents—American Cyanamid Co, Industrial Chem Div
AEROTURN: Collectors, Dust—Turner & Haws Engrg Co
AERO-VIBE: Screens, Vibrating—Allis-Chalmers Mfg Co
AETNA: Products—Aetna Scientific Co
AFCO 44: Detergents—Alex C Fergusson Co
AFTA: Cleaners, Fabric & Leather—Afta Solvents Corp
AFTALENE: Cleaners, Dry—Afta Solvents Corp
AFTITE: Removers, Gum—Afta Solvents Corp
AGITAIR: Cells, Flotation—Gallgher Co
AGRICO: Fertilizers—American Agricultural Chem Co
AGRIMUL: Emulsifiers, Insecticide—Nopco Chem Co
AGRINITE: Plant Foods, Organic—American Agricultural Chem Co
AGROX: Disinfectants, Seed—Chipman Chem Co
AHCOBOND: Binders, Resin—Arnold, Hoffman & Co
AHCOFIX: Fixation Agents, Dyestuffs—Arnold, Hoffman & Co
AHCOQUINONE: Dyestuffs, Wool—Arnold, Hoffman & Co
AHCOSPUN: Sizes—Arnold, Hoffman & Co
AHCOVAT: Dyestuffs, Vat—Arnold, Hoffman & Co
AHCOVELS: Softening Agents—Arnold, Hoffman & Co
AHCOWETS: Wetting Agents—Arnold, Hoffman & Co
AIKEN CLAY: Products—C P Hall Co
AINSWORTH: Balances & Weights—Wm Ainsworth & Sons
AIRALON: Entraining Agents, Air, Concrete—Dewey & Almy Chem Co
AIRCHEK: Products—Pennsylvania Pump & Compressor Co
AIRCO: Products—Air Reduction Sales Co Div
AIR-DRYETTES: For Dehumidifying Air with Calcium Chloride—Solvay Process Div
AIREX: Aerosols, Household—General Chem Div
AIRFOAM-GENERATING: Nozzles, Fire-Fighting—American-LaFrance-Foamite Corp
AIRGUIDE: Clay Segmented Airport Circles, Vitrified-Robinson Clay Product Co
AIRIDASE: Anti-Oxidants for Beer—Dehls & Stein
AIRLINE: Pumps, Lube—Lincoln Engrg Co
AIR-METERS: Meters, Flow—Hastings Instrument Co
AIR MIX: Weed Killers—Miller Products Co
AIROCOOL: Burners, Gas—National Airoil Burner Co
AIR RIGHTS: Trucks, Fork—Elwell-Parker Elec Co
AIRSET: Mills, Roller—Allis-Chalmers Mfg Co
AIRSTREAM: Conveying Systems—Dracco Corp
AIR SWEET: Deodorants—Uncle Sam Chem Co
AIRTEMP: Heating & Air Conditioning—Chrysler Corp, Airtemp Div
AIRVEYOR: Conveyors, Pneumatic—Fuller Co
AIR WARDEN: Filters, Regulators & Lubricators—Hannifin Corp
AISLE SAVER: Products—Crescent Truck Co Div
AJAX: Anti-Freeze, Alcohol—Commercial Solvents Corp
AJAX: Belt & Hose—Hewitt-Robins
AJAX: Cleaner—Colgate-Palmolive-Peet Co
AJAX: Varnishes, Insulating—Sherwin-Williams Co
AKAUSTAN: Fireproofing Compounds, Fabric—General Dyestuff Corp
AKON: Water Treatment—Allis-Chalmers Mfg Co
AKROFLEX: Anti-Oxidants, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
AKRON: Products—Akron Metallic Gasket Co
AKTIVIN: Chloramine-T, Technical—Heyden Chem Corp
AKTONE: Chemicals, Rubber—J M Huber Corp
AKUSAKA: Waxes—T G Cooper & Co
AKWAFALT: Emulsions, Asphalt—Asphalt Emulsion Service
ALAMACS: Amine Acetates, Fatty—General Mills, Research Lab
ALAMASK: Deodorants—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Aromatics Section
ALAMINES: Amines, Fatty—General Mills, Research Lab
ALANOL: Alcohol, Lanolin—Robinson, Wagner Co
ALASE: Enzymes—Takamine Lab
ALATHON: Polyethylene—E I du Pont de Nemours & Co, Polychem Dept
ALBACAR: Calcium Carbonate—C K Williams & Co
ALBACER: Waxes, Synthetic—Glyco Products Co
ALBAFIX: Tanning Agents—Diamond Alkali Co
ALBALITH: Lithopone—New Jersey Zinc Sales Co
ALBALOY: Plating Processes—Hanson-Van Winkle-Munning Co
ALBAOIL: Fat Liquors—Diamond Alkali Co
ALBASOL: Emulsifiers—Nopco Chem Co
ALBATAN: Tanning Agents—Diamond Alkali Co
ALBONE: Hydrogen Peroxide—E I du Pont de Nemours & Co, Electrochem Dept
ALBUSOL: Albumin, Egg—Mallinckrodt Chem Works
ALCOA: Chemical Products—Aluminum Co of America
ALCOFOAM POWDER: Chemicals, Fire Extinguishing—American-LaFrance-Foamite Corp
ALCOLAN: Absorption Bases—Robinson, Wagner Co
ALDAROME: Deodorants, Embalming Fluids—Fritzsche Bros
ALDEHOL: Denaturants, Alcohol—Kay-Fries Chem
ALDEX: Flavors, Fruit, Synthetic—S B Penick & Co
ALDO: Glyceryl MonoStearate—Glyco Products Co
ALDRON 20E: Insecticides—Miller Products Co
ALDRON 25W: Insecticides—Miller Products Co
ALDRON DUSTS: Insecticides—Miller Products Co
ALERT: Greases, Twister Ring—Esso Standard Oil Co
ALFCO: Extinguishers, Fire—American-LaFrance-Foamite Corp
ALFCOSPRAY: Nozzles, Fire-Fighting—American-LaFrance-Foamite Corp
ALFITE: Extinguishers, Fire—American-LaFrance-Foamite Corp
ALFRAX: Refractories, Aluminum Oxide—Carborundum Co
ALGALOID: Carragheen Extracts—T M Duché & Sons
ALGEATE: Algeacide, Liquid—Utility Chem Co
ALGOL: Dyes, Vat—General Dyestuff Corp
ALGOR: Boiler Feed Water Treatment—Feedwaters Inc
ALGOSOL: Dyes, Vat—General Dyestuff Corp
ALIPAL: Detergents, Household—General Dyestuff Corp

ALIPHATS: Acids, Fatty—General Mills, Chem Div
ALIQUATS: Quaternaries, Fatty—General Mills, Research Lab
ALITRILES: Nitriles, Fatty—General Mills, Research Lab
ALKALATE: Cleaners, Alkali—Diamond Alkali Co
ALKALON: Membranes, Acid & Alkali-Proof—Hell Process Equipment Corp
ALKALOY 550: Coatings, Acid-Proof—Atlas Mineral Products Co
ALKANOL: Wetting Agents—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
ALKATERGE: Surface-Active Agents, Cationic—Commercial Solvents Corp
ALKATRON: Boiler Feed Water Treatment—Feedwaters Inc
ALKAZENE: Alkyl & Haloalkylbenzenes—Dow Chem Co
ALKOFLEX: Resins, Bonding Casting—Alkydol Labs Co
ALKOIL: Oils, Drying, Synthetic—Alkydol Labs
ALKOLENE: Fat Liquors—Diamond Alkali Co
ALK-O-MER: Emulsions, Resin—Alkydol Labs
ALKOPHOS: Aluminum Phosphate—Monsanto Chem Co, Phosphate Div
ALKOR 5E: Cements, Acid-Proof—Atlas Mineral Products Co
ALKRON: Insecticides—American Potash & Chem Corp
ALKRON: Parathion—Eston Chem
ALKYDOL: Resins, Alkyd—Alkydol Labs
ALLERGEX: Dust Control—Carnegie Chem Mfg Co
ALLIGATOR: Products—Flexible Steel Lacing Co
ALLIND: Products—Allied Industrial Products Co
ALLISITE: Alloys, Iron, Abrasion-Resistant—Allis-Chalmers Mfg Co
ALLMUL: Refractories—Babcock & Wilcox Co
ALL-NU: Waxes—R M Hollingshead Corp
ALLPRENE: Neoprene—Chicago Gasket Co
ALL PURPOSE: Masks, Gas—Acme Protection Equipment Co
ALLWEATHER: Extinguishers, Fire—American-LaFrance-Foamite Corp
ALL-WEATHER: Motors—Robbins & Myers
ALODINE: Coatings—American Chem Paint Co
ALON: Products—Godfrey L Cabot
ALOX: Products—Alox Corp
ALOXITE: Diffusers, Aluminum Oxide—Carborundum Co
ALOYCO: Products—Alloy Steel Products Co
ALPCO: Wax—American Lignite Products Co
ALPHA: Proteins, Soyabean—Glidden Co, Soya Products Div
ALPHA: Pumps, Oil—Lunkenheimer Co
ALPHANOL: Dyes, Acid—General Dyestuff Corp
ALPHASPRA: Plant Hormones—Miller Products Co
ALPHATRON: Eliminators, Static, Polonium—Canadian Radium & Uranium Corp
ALPHATRON: Gauges, Vacuum—National Research Corp
ALPINE VIOLET: Cyclamen Aldehyde—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Aromatics Section
ALROLENES: Dry-Cleaning Compounds—Alrose Chem Co
ALROMINES: Softeners, Textile—Alrose Chem Co
ALROPEL: Water Repellents—Alrose Chem Co
ALROSENE: Detergents—Alrose Chem Co
ALROSOLS: Fatty Amide Condensates—Alrose Chem Co
ALROWAX: Waxes, Synthetic—Alrose Chem Co
ALSEN: Cups, Oil—Lunkenheimer Co
ALSILITE: Clays, Filler—Mineralite Sales Corp
ALU-KLEEN: Cleaners, Aluminum-Heatbath Corp
ALUM-A-PHOS: Products—Nielco Chem
ALUMINALL: Paints, Aluminum—Kepec Chem Corp
ALUM-I-NIEL: Surface Conditioners, Acid (Aluminum)—Nielco Chem
ALUMIN NU: Products—Nu Steel Co
ALUMINUM FLAKE: Products—Aluminum Flake Co
ALUMINUX: Products—Diversey Corp
ALUMON: Chemicals, Plating on Aluminum—Enthone Inc
ALUMOX: Chemicals, Aluminum Treating—Enthone Inc
ALUNDUM: Abrasives & Refractories—Norton Co
ALUNIEL: Coatings for Aluminum—Nielco Chem
ALVAR: Polyvinyl Acetal—Shawinigan Products Corp
ALVOR: Controls, Oil, Constant Level—Lunkenheimer Co
ALWAX: Emulsions, Wax—American Cyanamid Co, Industrial Chem Div
AMAZON: Cleaners, Silver—Trio Chem Works
AMBER: Glue, Bone, Ground—Swift & Co
AMBER: Soaps—Procter & Gamble Co
AMBERLAC: Materials, Resinous—Rohm & Haas Co
AMBERLITE: Adhesives, Resin—Rohm & Haas Co
AMBEROL: Resins—Rohm & Haas Co
AMBRAC: Products—American Brass Co
AMBRALOY: Alloys, Copper, Aluminum—American Brass Co
AMBRANIOL: Extracts, Labdanum—P Robertet Inc
AMBRITE: BHC (with Oil Base)—Chapman Chem Co
AMBROCIDE: BHC (with Water Base)—Chapman Chem Co
AMBROID: Cements—Howe & French
AMCO: Equipment, Air Conditioning—Grinnell Co
AMERCOAT: Coatings & Linings, Vinyl, Acid & Alkali-Resisting—Amercoat Corp
AMER-GLAS: Filters, Air—American Air Filter Co
AMERICAN: Filters, Disc Type—Oliver United Filters
AMERICAN: Hose & Tubing, Metal—American Brass Co
AMERICAN: Instruments—Manning, Maxwell & Moore
AMERICAN: Products—American Flexible Coupling Co
AMERICAN: Products—Buffalo Meter Co
AMERICAN BALL BLUE: Bluing, Laundry—Calco Chem Div
AMERICAN-LAFRANCE: Fire-Fighting Apparatus—American-LaFrance-Foamite Corp
AMERICAN DRIPLESS: Oils, Penetrating—American Grease Stick Co
AMERIGEAR: Products—American Flexible Coupling Co
AMEROID: Products—E F Drew & Co
AMER-PLATE: Linings, Vinyl & Acid & Alkali-Resistant—Amercoat Corp
AMESTEAM: Generators—Ames Iron Works
AMICO: Extractors, Centrifugal—United States Hoffman Machy Corp.
AMICROL: Disinfectants, Textile—Heyden Chem Corp
AMINE: Plating Processes—Hanson-Van Winkle-Munning Co
AMINOX: Antioxidants for Rubber—Naugatuck Chem Div
AMMATE: Weed Killers—E I du Pont de Nemours & Co, Grasselli Chem Dept
AMOID: Glue, Bone, Ground—Swift & Co
AMORWAX: Products—Pennotex Oil Corp
AMPACET: Molding Powders, Thermoplastic—American Molding Powder & Chem Corp
AMPCOFLEX: Ducts—Atlas Mineral Products Co
AMPCOLITE: Pipe, Plastic—Atlas Mineral Products Co
AMPCOLOY: Alloys, Copper Base—Ampco Metal
AMPCO METAL: Aluminum Bronze—Ampco Metal
AMPCO-TRODE: Bronze, Covered Aluminum & Electrodes, Coiled Wire—Ampco Metal
AMPCO-WELD: Products—Ampco Metal
AMPHOCERIN: Cream-Basis—Failek Products Co
AMPITOL: Softeners, Textile—Dexter Chem Corp
AMPLEX P: Oils—Cities Service Petroleum
AMPLITONE: Fixatives, Perfumes—Fritzsche Bros
AMPOLITE: Products—Diversey Corp
AMPROZYME: Desizing Agents—Jacques Wolf & Co
AMPVAR: Paints Rusted Metal Surface—Atlas Mineral Products Co
AMRES: Products—America-Marietta Co, Adhesive, Resin & Chem Div
AMSCO: Products—American Mineral Spirits Co
AMSCO-SOLV: Solvents, Aromatic—American Mineral Spirits Co
AMSET: Glue, Bone, Semi-Solid—Swift & Co
AMURSEAL: Products—Anti-Hydro Water Proofing Co
AMYLIQ: Enzymes, Starch-Converting—Wallerstein Co
ANACONDA: Products—American Brass Co
ANALYZER: Steam, Gas, Liquid—Perkin Elmer Corp
ANCHOR: Ammonium Bicarbonate—Solvay Process Div
ANCHOR: Asphalt & Paints, Corrosion-Resistant—Barrett Div
ANCHOR: Closures, Metal & Molded & Boxes, Metal—Anchor Hocking Glass Corp
ANCHOR: Flowers of Sulphur—Stauffer Chem Co
ANCHOR ALKALI: Cleansers, Special—Solvay Process Div
ANCHORGLASS: Containers—Anchor Hocking Glass Corp
ANCHORVAC: Closures, Vacuum, Metal—Anchor Hocking Glass Corp
ANDALE: Products—Andale Co
ANDERSON: Products—V D Anderson Co
ANDOK: Greases, Anti-Friction Bearing—Esso Standard Oil Co
AN-DRITE: Desiccants—Ansul Chem Co
ANEXER: De-Ionizing—Infilco Inc
ANGELO: Shellac, Wax—William Zinsser & Co
ANHYDRO: Cleaning Compounds, Electrolytical—Foy Electro-Chem Co
ANNIN DOMOTOR: Valves—Annin Co
ANOZINC: Chemicals, Electroplating—United Chromium
ANSTAC: Anti-Static Agents—Chemical Development Corp
ANSUL: Extinguishers, Fire, Sulfur Dioxide, Methyl Chloride, Oil—Ansul Chem Co
ANSUL-BLO: Agents, Blowing, Rubber, Sponge—Ansul Chem Co
ANTARA: Whitening Agents, Optical—Antara Chem Div
ANTARANE: Surface Active Agents (Anionic)—Antara Chem Div
ANTARATE: Surface Active Agents (Non-Ionic)—Antara Chem Div
ANTARON: Surface Active Agents (Anionic)—Antara Chem Div
ANTAROX: Surface Active Agents (Non-Ionic)—Antara Chem Div
ANTHOSINE: Dyes, Acid—General Dyestuff Corp
ANTHRACYANINE: Dyes, Acid—General Dyestuff Corp
ANTHRAGEN: Pigments—General Dyestuff Corp
ANTHRALAN: Dyes, Acid—General Dyestuff Corp
ANTHRASOL: Dyes, Vat—General Dyestuff Corp
ANTI-GYP: Barium Carbonate—Chicago Copper & Chem Co
ANTI-HYDRO: Materials, Building—Anti-Hydro Waterproofing Co
ANTIMOL: Preservatives, Special—Seydel Chem Co
ANTI-RUST CRYSTALS: Anti-Corrosion Agents—Feedwaters Inc
ANTISEP ALL-PURPOSE: Bases, Cutting—E F Houghton & Co
ANTISEP SOLUBLE: Oils, Grinding & Light Cutting—E F Houghton & Co
ANTISOL: Screens, Sun—Kessler Chem Co
ANTOX: Anti-Oxidants, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
APASOL—Textiles, High SOs Oil—Jacques Wolf & Co
APCO: Pumps, Turbine Type, Horizontal—Aurora Pump Co
APEXIOR: Coatings—Dampney Co
APHIDO: Insecticides—Miller Products Co
APIEZON: Oils, Waxes & Greases—James G Biddle Co
APOCHROME: Dyes, Chrome—Poughkeepsie Dyestuff Corp
APP-L-SET: Chemicals, Agricultural—Dow Chem Co
APPRETAN: Finishes, Textile—General Dyestuff Corp
AQUADAG: Products—Acheson Colloids Co Div
AQUADRY: Colors—United Wallpaper
AQUA-FLAKES: Adhesives—National Starch Products
AQUAFLEX: Conditioners, Water—Flexoid Products
AQUAFLO: Boiler Compounds—Nielco Chem
AQUAKAL: Textile Specialties—Kali Mfg Co
AQUA-LAC: Paints, Casein & Cement—A Adler & Son
AQUA-LIC: Products—Diversey Corp
AQUA NUCHAR: Calcium Carbonate, Precipitated—West Virginia Pulp & Paper Co
AQUARESIN: Plasticizers, Glue—Glyco Products Co
AQUAREX: Wetting Agents—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
AQUASOL: Oil, Castor, Sulfonated—American Cyanamid Co, Industrial Chem Div
AQUA SUDS: Soaps, Liquid—Hartman-Leddon Co
AQUATRATOR: Meters—Precision Scientific Co
AQUESTROL: Estrogenic Substances—S B Penick & Co
AQUET: Products—Emil Greiner Co
ARABOL: Products—Arabol Mfg Co
ARACAR: Oil, Journal, Car—Esso Standard Oil Co
ARALDITE: Resins—Ciba Co
ARAMA: Products—Allied Raw Materials Co
ARAMITE: Miticides—Naugatuck Chem Div
ARANOX: Antioxidants for Rubber—Naugatuck Chem Div
ARAPEN: Grease, Gun, Pressure—Esso Standard Oil Co
ARASAN: Disinfectants, Seed—E I du Pont de Nemours & Co, Grasselli Chem Dept
ARAZATE: Accelerators for Rubber—Naugatuck Chem Div
ARAZYM: Chemicals for Hides—Rohm & Haas Co
ARBONEELD: A Dimethylolurea—E I du Pont de Nemours & Co, Polychem Dept
ARCADIAN: Nitrate of Soda—Barrett Div
ARCADIAN THE AMERICAN NITRATE OF SODA: Sodium Nitrate—Nitrogen Div, Allied Chem & Dye Corp
ARCO: Products—Automotive Rubber Co
ARCTIC: Extinguishers, Fire—American-LaFrance-Foamite Corp
ARCTIC CRYSTAL: Soap—Colgate-Palmolive-Peet Co
ARCTIC SYNTEX: Detergents—Colgate-Palmolive-Peet Co
ARDRIER: Products—Arnold Dryer Co
ARESKAP: Wetting Agents—Monsanto Chem Co, Phosphate Div
ARESKET: Wetting Agents—Monsanto Chem Co, Phosphate Div
ARESKLENE: Wetting Agents—Monsanto Chem Co, Phosphate Div
ARGO: Chemicals from Corn—Corn Products Sales Co
ARIDCLEAR: Products—Anti-Hydro Waterproofing Co
ARIDEX: Repellents, Water—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
ARIDIFIER: Products—Logan Engrg Co
ARIDTITE: Products—Anti-Water-Proofing Co
ARISTOWAX: Wax, Paraffin—Petroleum Specialties
ARISTOWAX: Refined Waxes—Union Oil Co of Cal
ARKSAFE: Products—Arkell Safety Bag Co
ARKTITE: Power Plugs, Circuit Breaking—Crouse-Hinds Co
ARLACEL: Surface Active Agents, An-Ionic—Atlas Powder Co
ARLEX: Sorbitol—Atlas Powder Co
ARMASOL: Detergent Mixtures—A R Maas Chem Co Div
ARMCO 17-4 PH: Steel, Stainless—Armco Steel Corp
ARMCO 17-7 PH: Steel, Stainless—Armco Steel Corp
ARMEENS: Amines, Primary—Armour Chem Div
ARMIDES: Amides, Primary—Armour Chem Div
ARMORTOP: Hardeners, Floor, Surface—Anti-Hydro Waterproofing Co
ARMORTUBE: Tubing, Pneumatic, Protected—Bailey Meter Co
ARNEELS: Nitriles—Armour Chem Div
AROCHEM: Resins, Maleic—United States Industrial Chem Co Div
AROCLOR: Chlorinated Biphenyls, Terphenyls—Monsanto Chem Co, Phosphate Div
ARODURE: Resins, Urea Formaldehyde—United States Industrial Chem Co Div
AROFENE: Resins, Phenol Formaldehyde—United States Industrial Chem Co Div
AROFLAT: Resins, Alkyd—United States Industrial Chem Co Div
AROFLINT: Resins, Phenol Formaldehyde—United States Industrial Chem Co Div
AROIL: Weed Killers—Miller Products Co
ARO LENE: Products—C P Hall Co
AROMEX: Carbon Black—J M Huber Corp
AROPLAZ: Resins, Alkyd—United States Industrial Chem Co Div
AROPOL: Resins, Alkyd—United States Industrial Chem Co Div
AROVEL: Carbon Black—J M Huber Corp
AROX: Oil, Pneumatic Drill—Esso Standard Oil Co
ARPI: Vitamin D—General Mills, Special Commodities Div
ARPRO: Oil, Wheat Germ—General Mills, Special Commodities Div
ARQUADS: Quaternary Ammonium Compounds—Armour Chem Div
ARROLIME: Compositions—Hanson-Van Winkle-Munning Co
ARROW: Brimstone, Roll—Stauffer Chem Co
ARROW: Carbon Black—J M Huber Corp
ARROW-HART: Products—Arrow-Hart & Hegeman Elec Co
ARSECO: Products—Riverside Chem Co
ARTIC: Methyl Chloride—E I du Pont de Nemours & Co, Electrochem Dept
ARTIC-GLO: Adhesives—Canadian Radium & Uranium Corp
ARTISTAIN: Stains, Wood Furniture—Sherwin-Williams Co
ASARCO: Products, Lead—Federated Metals Div
ASBESTO-SORB: Absorbers—Philip Carey Mfg Co
ASCO: Products—Automatic Switch Co
ASHCROFT: Gauges—Manning, Maxwell & Moore
ASKANIA: Products—Askania Regulator Co
ASP: Clays, Processed—Superior Materials
ASP: Fillers, Pigment, Extender—Edgar Bros
ASPLIT: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
ASSISTEX: Soaps, Dry Cleaning—Takamine Lab
ASTRACEL: Dyes, Acid—General Dyestuff Corp
ASTRINGEL: Astringents—Robinson, Wagner Co
ASTRINGEN: Astringents—Robinson, Wagner Co
ASTROL: Dyes, Acid—General Dyestuff Corp
ASTROTONE: Musk, Synthetic—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Aromatics Section
ATLAC: Resins, Polyester—Atlas Powder Co
ATLACIDE: Weed Killers, Chlorate—Chipman Chem Co
ATLANTIC: Chemicals, Petroleum—Atlantic Refining Co

ATLAS: Adhesives—Atlas Adhesives Div
ATLAS: Chemicals, Industrial—Atlas Powder Co
ATLAS: Colors, Certified & Flavors, Bottlers'—H. Kohnstamm & Co
ATLAS: Gelatin, Edible—Swift & Co
ATLAS: Valves & Regulators—Atlas Valve Co
ATLAS #40: Colors, Cosmetic—H Kohnstamm & Co
ATLAS A: Sodium Arsenite, Liquid—Chipman Chem Co
ATLAS FIRE RETARDANT: Flameproofing Compounds—H Kohnstamm & Co
ATLAS RUST SOUR: Sours, Laundry—H Kohnstamm & Co
ATLASTAVON 1, 10, 20: Linings, Acid or Alkali-Resisting—Atlas Mineral Products Co
ATLASTAVON 30: Linings, Polyethylene—Atlas Mineral Products Co
ATLASTIC 77: Pipe Joint Materials, Sewer—Atlas Mineral Products Co
ATLAS WITH GLOBE: Chemicals, Industrial—Atlas Powder Co
ATLOX: Chemicals, Agricultural—Atlas Powder Co
ATMOS: Emulsifiers, Edible—Atlas Powder Co
ATMOSET: Mortars, Refractory—A P Green Fire Brick Co
ATMUL: Emulsifiers—Atlas Powder Co
ATTACK: Insecticides—R M Hollingshead Corp
ATTACLAY: Insecticide Carriers, Diluent—Attapulgus Mineral & Chem Corp
ATTASOL: Clays, Colloidal—Attapulgus Mineral & Chem Corp
ATTASORB: Adsorbents—Attapulgus Mineral & Chem Corp
AUDIGAGE: Testers, Thickness—Branson Instruments
AUGER-MATIC: Bag Packing Machines—E D Coddington Mfg Co
AUK: Channel Black—Godfrey L Cabot
AURADRY: Colors—United Wallpaper
AURAGREEN: Fungicides, Turf—Mallinckrodt Chem Works
AURAPLAS: Colors—United Wallpaper
AURAPULP: Colors—United Wallpaper
AURASPERS: Colors—United Wallpaper
AURORA: Pumps, Centrifugal—Aurora Pump Co
AUROSAL: Salts, Gold Plating—Baker & Co
AUSTIN WHITE LIME: Quicklime, Agricultural, Hydrated—Austin White Lime Co
AUTEMP: Heaters—Fisher Scientific Co
AUTO-KLEAN: Filters—Cuno Engrg Corp
AUTO-LITE: Products—Electric Auto-Lite Co
AUTOMATIC: Products—Automatic Transportation Co
AUTOSCALER: Products—Traceriab, Inc
AUTOSET: Instruments, Control, Air-Operated—Bristol Co
AUTOTONE ALLPURPOSE: Cleaners—Uncle Sam Chem Co
AUXANINE: Mordants—General Dyestuff Corp
AUXANOL: Mordants—General Dyestuff Corp
AVIALITE: Alloys, Copper, Aluminum—American Brass Co
AVITEX: Finishes, Texile—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
AVITONE: Lubricants, Fiber—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
AVOLIN: Dimethyl Phthalate—Fritzsche Bros
AVRYLLIS: Perfume Bases—Fritzsche Bros
AXIVANE: Fans—Joy Mfg Co
AYTEX: Starches, Wheat—General Mills, Special Commodities Div
AZITE 900: Liquefiers—American Cyanamid Co, Industrial Chem Div
AZOCEL: Products—Synthetic Chem
AZO: Oxides, Zinc—American Zinc Sales Co
AZO FUCHSINE: Dyes, Acid—General Dyestuff Corp
AZONINE: Dyes, Azo—General Dyestuff Corp
AZO PHLOXINE: Dyes, Acid—General Dyestuff Corp
AZOPHOR: Dyes, Azo—General Dyestuff Corp
AZOSOL: Dyes, Spirit Soluble—General Dyestuff Corp

B

50-B: Plasticizers—Barrett Div
B B: Wax, Bees, White—Theodor Leonhard Wax Co
BBZ-200: Plating Processes—Hanson-Van Winkle-Munning Co
BEX: Flavors—Butter—Sterol Derivatives
B&G: Products—Bell & Gossett Co
B-H: Lead Solutions—Hanson-Van Winkle-Munning Co
B-K: Disinfectants, Dairy—Pennsylvania Salt Mfg Co
B L E: Antioxidants for Rubber—Naugatuck Chem Div
3 B MERCAPTAN: tert-Dodecyl Mercaptan—Sharples Chem
B & P: Products—Tropical Paint & Oil Co
BRC: Pitch, Rubber Compounding—Barrett Div
BRH: Softeners, Rubber—Barrett Div
BRS: Softeners, Rubber—Barrett Div
BRT: Softeners, Rubber—Barrett Div
BRV: Softeners, Rubber—Barrett Div
BS&B: Controls, Climax—Black, Sivalls & Bryson
B-60 SYSTEM: Controls, Gas, Self-Generating—General Controls Co
BSZ-300: Plating Processes—Hanson-Van Winkle-Munning Co
BTC: Germicides—Onyx Oil & Chem Co
B T F: Buffs—Hanson-Van Winkle-Munning Co
BTUH TYPE: Heaters, Unit—McQuay, Inc
BVS: Stabilizers for Organic Halides—Baker Castor Oil Co
B & W: Products—Babcock & Wilcox Co
B WAX: Wax, Bees, Synthetic—International Wax Refining Corp
BWD: Leaves, Filter—Multi-Metal Wire Cloth Co
BWH-1: Plasticizers for Rubber—Naugatuck Chem Div
BABZYME: Products—Slater-Robbins Co
BADGER: Foundry Facing—Donald Sales & Mfg Co
BAGPAK: Multiwall Paper Bags—International Paper Co, Bagpak Div
BAGPAKER: Machines, Bag Filling & Closing—International Paper Co, Bagpak Div
BAITO: Insecticides—Miller Products Co
BAKELITE: Plastics & Resins—Bakelite Co
BAKER: Trucks, Industrial—Baker-Raulang Co
BAKER & ADAMSON: Chemicals, Fine & Reagents, Laboratory—General Chem Div
BALDWIN-REX: Products—Chain Belt Co
BALLPEB: Mills, Grinding, Cylindrical—Allis-Chalmers Mfg Co
BANNER: Lubricators—Lunkenheimer Co
BANTAM: Demineralizers—Barnstead Still & Sterilizer Co
BANTY: Products—Mercury Mfg Co
BARAK: Activators, Rubber Accelerator—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
BARALYME: Gas Absorbents, Acid—Thomas A Edison, Medical Gas Div
BARCA: Stabilizers—Deecy Products Co
BARCO: Cleaners—Barco Chem Products
BARDEN: Clays, Insecticidal Dusting—J M Huber Corp
BARDOL: Oils, Rubber Compounding—Barrett Div
BARISOL BRM: Assistants, Dye—Dexter Chem Corp
BARNESITE: Rare Earth Oxide—Lindsay Chem Co
BARNSTEAD: Sterilizers, Purity Meters, Water Stills, etc—Barnstead Still & Sterilizer Co
BAR-NUN: Weighers—B F Gump Co
BAROID: Bentonite & Drilling Muds—National Lead Co
BARREL CART: Products—Hodgson Engrg & Mfg Co
BARRETT: Chemicals—Barrett Div
BARRETT: Equipment, Handling—Barrett-Cravens Co
BARTON: Products—Barton Instrument Corp
BASEKOTE: Greases, Launching—Esso Standard Oil Co
BASEOL: Oil Bases—Titan Chem Products
BASICOL: Oil Substitutes, Essential—Fritzsche Bros
BASOLIT: Cements, Acid-Proof & Sulphur—Nukem Products Corp
BATCH-VEYOR: Conveyors, Air—Beaumont Birch Co
BAYOL: Oils, White—Esso Standard Oil Co
BAY STATE: Products—Boston Woven Hose & Rubber Co
BEACON: Greases, Low Temperature—Esso Standard Oil Co
BEAMAX: Products—Davies-Young Soap Co
BEAUCALLOY: Chains, Steel—Beaumont Birch Co
BECCO: Products—Buffalo Electro-Chem Co
BECKACITE: Resins, Phenolic, Modified—Reichhold Chem
BECKAMINE: Resins, Urea-Formaldehyde—Reichhold Chem
BECKERLOY: Products—Christian Becker Div
BECKOLIN: Oils, Synthetic—Reichhold Chem
BECKOSOL: Resins, Alkyd—Reichhold Chem
BEECHWOOD: Lime—Hanson-Van Winkle-Munning Co
BEETLE: Products—American Cyanamid Co, Plastics & Resins Div
BELCO: Products—Belco Industrial Equipment Div
BELCOLITE: Resins, Ion Exchange—Belco Industrial Equipment Div
BELGRADE: Glues—Hanson-Van Winkle-Munning Co
BELL: Clays, Ball—Whittaker, Clark & Daniels
BELL-SPRAY: Collectors, Dust, Wet—C O Bartlett & Snow Co
BELL SWITCH: Products—Jo-Bell Products
BELMONT: Products—Belmont Smelting & Refining Works
BELRO: Resins—Hercules Powder Co
BELTEVATOR: Conveyors, Belt—E W Buschman Co
BEMIS: Bags—Bemis Bro Bag Co
BEN HUR: Cleaner—Colgate-Palmolive-Peet Co
BENOCLOR: Weed Killers—Cloroben Corp
BENOWAX: Wax, Microcrystalline—American Cyanamid Co, Industrial Chem Div
BENSAPOL: Textiles, Scouring—Jacques Wolf & Co
BENTHAL: Intermediates, Alkyd Resin—Monsanto Chem Co, Organic Chem Div
BENZO: Dyes, Direct—General Dyestuff Corp
BENZOFORM: Dyes, Direct—General Dyestuff Corp
BENZYL CHEMOSEPT: Products—Chemo Puro Mfg Corp
BERNABASE: Dyes, Cotton (Bases)—Bernard Color & Chem Corp
BERNABON: Dyes, Acetate—Bernard Color & Chem Corp
BERNACET: Dyes, Acetate—Bernard Color & Chem Corp
BERNACETINE: Dyes, Mixed Fibres, Silk & Rayon—Bernard Color & Chem Corp
BERNACHROME: Dyes, Chrome—Bernard Color & Chem Corp
BERNACID: Dyes, Acid—Bernard Color & Chem Corp
BERNACYL: Dyes, Acetate—Bernard Color & Chem Corp
BERNAFAST: Fixatives, Dye—Bernard Color & Chem Corp
BERNAFIX: Mordants, Dye—Bernard Color & Chem Corp
BERNAFOAMEX: Defoaming Agents, Textile—Bernard Color & Chem Corp
BERNAFORM: Dyes, Rayon—Bernard Color & Chem Corp
BERNAFUR: Dyes, Fur—Bernard Color & Chem Corp
BERNAGEL: Sizes, Textiles—Bernard Color & Chem Corp
BERNAGEN: Dyes, Azo—Bernard Color & Chem Corp
BERNAGUM: Gums, Textile & Fur Protecting—Bernard Color & Chem Corp
BERNALIN: Dyes, Acid—Bernard Color & Chem Corp
BERNALIZARINE: Anthraquinone—Bernard Color & Chem Corp
BERNALOID: Dyes, Vat—Bernard Color & Chem Corp
BERNAMERSE: Assistants, Textile—Bernard Color & Chem Corp
BERNAMINE: Dyes, Direct—Bernard Color & Chem Corp
BERNAMUL: Emulsifying Agents—Bernard Color & Chem Corp
BERNANTHRENE: Dyes, Vat—Bernard Color & Chem Corp
BERNAPEN: Penetrating Agents—Bernard Color & Chem Corp
BERNAPLAST: Dyes, Plastic—Bernard Color & Chem Corp
BERNAPLY: Dyes, Mixed Fibres—Bernard Color & Chem Corp
BERNAPTHOL: Dyes, Naphthol—Bernard Color & Chem Corp
BERNASALT: Dyes, Salt—Bernard Color & Chem Corp
BERNASIST: Assistants, Dye—Bernard Color & Chem Corp
BERNASOFT: Assistants, Textile—Bernard Color & Chem Corp
BERNASOLVE: Solvents, Synthetic—Bernard Color & Chem Corp
BERNASTRIP: Stripping Agents, Textile—Bernard Color & Chem Corp
BERNASUL: Dyes, Sulfur—Bernard Color & Chem Corp
BERNATAN: Tanning Agents—Bernard Color & Chem Corp
BERNATARD: Retarding Agents—Bernard Color & Chem Corp
BERNATERGE: Soaps, Syntnetic—Bernard Color & Chem Corp
BERNAZINE: Dyes, Basic—Bernard Color & Chem Corp
BERNAZO: Dyes, Cotton & Rayon—Bernard Color & Chem Corp
BERNAZYME: Desizers, Enzymatic—Bernard Color & Chem Corp
BERNOIL: Dyes, Oil—Bernard Color & Chem Corp
BERNPRINTACID: Dyes, Acid—Bernard Color & Chem Corp
BERNPRINTACYL: Dyes, Acetate—Bernard Color & Chem Corp
BERNPRINTAMINE: Dyes, Direct—Bernard Color & Chem Corp
BERNPRINTAZINE: Dyes, Basic—Bernard Color & Chem Corp
BERYLITE: Porcelain, Lining & Balls—Patterson Foundry & Mach Co
BESTICK: Adhesives—United Paste & Glue Co
BETANOX SPECIAL: Antioxidants for Rubber—Naugatuck Chem Div
BETASOL: Wetting Agents—American Cyanamid Co, Industrial Chem Div
BETH-TEC UNIT: Heaters, Molten Salt—Bethlehem Foundry & Mach Co
BEUTENE: Accelerators for Rubber—Naugatuck Chem Div
BI-ACT: Controllers, Non-Indicating—Taylor Instrument Cos
BIANCOL: Oil, Mineral, White—Sherwood Refining Co
BI-CAL: Fungicides, Turf—Metalsalts Corp
BIGARADINE: Oil, Orange, Synthetic—Fritzsche Bros
BIG CHIEF: Brick, Refractory—A P Green Fire Brick Co
BIG HORN 99: Talc—Southern California Minerals Co
BIN-DICTATOR: Indicators, Material Level—Bin-Dicator Co
BIN-EYE: Controls, Bin Level—Jeffrey Mfg Co
BIN-FLO: Aerator Units—Bin-Dicator Co
BINGO: Cleaners, Drain—Huntington Labs
BIOBATE: Bates, Leather—Wallerstein Co
BIOLOID: Products—Southern Scientific Co
BIONOL: Germicides—General Dyestuff Corp
BIOPAL: Germicides—General Dyestuff Corp
BIOS: Pharmaceuticals, Chemicals, Reagents—Bios Labs
BIRD: Centrifugals & Filters—Bird Mach Co
BIRD-YOUNG: Filters, Vacuum—Bird Mach Co
BIRTANK: Products—Birmingham Tank Div
BITUMASTIC: Coatings, Protective—Koppers Co, Tar Products Div
BIT-U-MIX: Paving Mixtures—American Bitumuls & Asphalt Co
BITUMULS: Emulsions, Paving—American Bitumuls & Asphalt Co
BITUSIZE: Sizings, Paper—American Bitumuls & Asphalt Co
BLACK A: Rouge—Hanson-Van Winkle-Munning Co
BLACK DIAMOND: Pitch, Roofing—Barrett Div
BLACK DIAMOND: Rubber, Mineral (Hard Hydrocarbon)—Witco Chem Co
BLACK HILLS: Bentonite, Swelling—International Minerals & Chem Corp, Industrial Minerals Div
BLACK PEARLS: Carbon Black—Godfrey L Cabot
BLANCAL: Paints, Filler—Witco Chem Co
BLANCHIT: Bleaches—L R van Allen Co
BLANCMINTOL: Flavors, Mint—H Kohnstamm & Co
BLANCO: Finings—Schwarz Labs
BLANCOL: Assistants, Bleaching—General Dyestuff Corp
BLANCOPHOR: Whitening Agents, Optical—General Dyestuff Corp
BLANKIT: Bleaches, Textile—General Dyestuff Corp
BLAST: Cleaners, Steam—Du Bois Co
BLEACH HR: Bleaches for Foods—Seydel Chem Co
BLEACHETTE: Bluing, Laundry—Calco Chem Div
BLEACHITE: Bleaches—Chemical Specialties Co
BLENDENE: Emulsifiers—Glyco Products Co
BLICKMAN-BUILT: Equipment, Process—S Blickman Inc
BLIZZARD: Anti-Freeze—George Senn Co
BLOCK INSULATION: Materials, Insulating—A P Green Fire Brick Co
BLO-COLD: Products—Acme Industries, Dept CWG
BLOWING-WOOL: Insulation—Philip Carey Mfg Co
BLUE BAND: Sours, Laundry—Ecclestone Chem Co
BLUE BELL: Laundry Blue—H Kohnstamm & Co
BLUE BONNET: Laundry Blue—H Kohnstamm & Co
BLUE DIAMOND: Copper Sulphate—W R E Andrews Sales
BLUE-FLO: Anti-Freeze—Carbide & Carbon Chem Co Div
BLUE-POINT: Wrenches & Tools—Snap-On Tools Corp
BLUE RIBBON: Products—L Hemmerdinger & Co
BLUE STREAK: Mixers—Prater Pulverizing Co
BLUFIXE: Sours, Laundry—H Kohnstamm & Co
BLU-GLU: Glue, Flexible—Swift & Co
BLUSOUR: Blues & Sours—H Kohnstamm & Co
BOBBING: Compositions—Hanson-Van Winkle-Munning Co
BOCABELLI: Soaps—Enos F Jones Chem Co
BOILER METER: Meters, Ratio—Bailey Meter Co
BOILER-SAN: Boiler Treatment—Huntington Labs
BOLTED KING WHITE: Finishes—E & F King & Co
BOMBER: Cleaners, Dairy—Diamond Alkali Co
BONDACTOR: Products—International Minerals & Chem Corp
BONDED: Tape, Gummed—Gilman Paper Co
BOOKMASTER: Glue, Flexible—Swift & Co

BORDO: Fungicides—Miller Products Co
BORDOW: Fungicides—Dow Chem Co
BORDUSTO: Fungicides—Miller Products Co
BOROCHLOR: Bleaches, Laundry—H Kohnstamm & Co
BOROCIDE: Insecticides—Miller Products Co
BOSON: Lubricators—William Powell Co
BOVICILLIN: Penicillin Products—Spick Products Co
BOWAX: Waxes, Microcrystalline—Boler Petroleum Co
BOWER: Products—Henry Bower Chem Mfg Co
BOWKER: Insecticides—American Agricultural Chem Co
BOXSEAL: Glue, Case Sealing—Paisley Products
BOX-SKIN: Preservatives, Canvas—Sullivan Co
BOYCO: Products—United States Steel Corp, United States Steel Products Div
BOYD: Fire Brick—Robinson Clay Product Co
BRAMTEX: Detergents—Bram Chem Co
BRAZO: Fluxes, Welding—Linde Air Products Co Div
BREECH LOCK: Valves, Gate, Cast Steel—Lunkenheimer Co
BRETOL: Cetyl Dimethyl Ethyl Ammonium Bromide—Fine Organics
BREVITEE: Polishes, Metal—Fuld Bros
BREX: Soaps—Procter & Gamble Co
BRIC-BOND: Cements, Acid-Proof—Cellcote Co
BRIJ: Surface Active Agents, An-Ionic—Atlas Powder Co
BRILLIANT TONING RED: Colors, Dry, Red—Sherwin-Williams Co
BRILLOL: Oil, Mineral, White—Sherwood Refining Co
BRIMSTO: Products—Electro Chem Engrg & Mfg Co
BRINCHROMATE: Brine Treatment—Superior Chem Works
BRINO: Preservatives for Sea Food—Seydel Chem Co
BRISGO: Depilitating Compounds—Hercules Powder Co
BRISTAMIN: Anti-Histaminic, Anti-Fungal Preparations—Bristol Labs
BRISTOL: Starches, Laundry—H Kohnstamm & Co
BRISTOL'S: Instruments, Screws, Socket & Lacing, Belt—Bristol Co
BRITE-N NU: Products—Nu Steel Co
BRITONE RED: Colors, Dry, Lithol Red—Sherwin-Williams Co
BROAMITE: Systems, Fire Extinguishing (Fixed)—American-LaFrance-Foamite Corp
BROMAT: Cetyl Trimethyl Ammonium Bromide—Fine Organics
BROMOFUME: Ethylene Dibromide—Eston Chem
BROMOFUME: Fumigants—American Potash & Chem Corp
BROMVEGOL: Oil, Apricot Kernel, Olive—S B Penick & Co
BROSCO: Oils, Textile—Scholler Bros
BROWN WELD: Fintube Products—Brown Fintube Co
BRUIN: Paints—Baer Bros
BRUNNER: Compressors, Air—Brunner Mfg Co
BRUNNER BAC: Air Conditioning Units—Brunner Mfg Co
BRUNO: Grease Cups—William Powell Co
BRUSHITE: Cleaners, Paint Brush—Chemical Specialties Co
BRUSH OFF: Weed Killers—Associated Sales & Supply Co
BRYANT INDUSTRIAL: Products—Bryant Industrial Div
BUBBLTROL: Controls, Pressure—Automatic Control Co
BUCKEYE: Products—Davies-Young Soap Co
BUCKEYE: Soaps, Laundry & Caustic & Cleaners, Drain Pipe—Diamond Alkali Co
BUCKINGHAM: Waxes, Soaps & Allied Products—Buckingham Wax Co
BUDA: Products—Buda Co
BUFFALO: Products—Buffalo Wire Works Co
BUFFALO BETTERBUILT: Products—Buffalo Fire Appliance Corp
BUFFALOY: Cloth, Wire—Buffalo Wire Works Co
BUGMASTER: Insecticides—Michigan Chem Corp
BULATOR: Products—Hendrick Mfg Co
BULKBINDER: Tools, Strapping—A J Gerrard & Co
BULL DOG: Products—Boston Woven Hose & Rubber Co
BULLNECK: Fittings, Grease—Lincoln Engrg Co
BULLNECK: Wheels—Hanson-Van Winkle-Munning Co
BULLS EYE: Varnishes, Shellac—William Zinsser & Co
BUNKER HILL: Products—Northwest Lead Co
BURTONITE: Colloids & Related Compounds—Burtonite Co
BUSCHMAN: Conveyors—E W Buschman Co
BUTAC: Chemicals, Rubber—J M Huber Corp
BUTACITE: Polyvinyl Butyral—E I du Pont de Nemours & Co, Polychem Dept
BUTACRYL: Latex, Butadiene Acrylonitrile—American Polymer Corp
BUTAFLOR: Extracts, Floral—P Robertet Inc
BUTASAN: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
BUTAZATE: Accelerators for Rubber—Naugatuck Chem Div
BUTVAR: Polyvinyl Butyral—Shawinigan Products Corp
BUTYL CHEMOSEPT: Products—Chemo Puro Mfg Corp

C

3C: Calcium Chloride—Columbia-Southern Chem Corp Sub
C-4: Products—Coopers Creek Chem Corp
C-56: Hexachlorocyclopentadiene—Hooker Electrochem Co
CAC-10: Cleaners, Metal—Refined Products Corp
CCS: Closures—Crown Cork & Seal Co
CDM: Rolls—J M Lehmann Co
C1: Clays—Southern California Minerals Co
CMC: Antimony, Belgian—Charles Gitlan & Co
CMC: Sodium Carboxymethylcellulose—Hercules Powder Co
CP: Aftercoolers—Chicago Pneumatic Tool Co
CP-40: Paraffin, Chlorinated—Hooker Electrochem Co
CPB: Accelerators for Rubber—Naugatuck Chem Div
C W G: Reducers, Speed—Cleveland Worm & Gear Co
CABFLEX DCP: Di-Capryl Phthalate—Godfrey L Cabot
CABFLEX DDA: Di-Decyl Adipate—Godfrey L Cabot
CABFLEX DDP: Di-Decyl Phthalate—Godfrey L Cabot
CABFLEX DI-BA: Di-Iso-Butyl Adipate—Godfrey L Cabot
CABFLEX DI-OA: Di-Iso-Octyl Adipate—Godfrey L Cabot
CABFLEX DI-OP: Di-Iso-Octyl Phthalate—Godfrey L Cabot
CABFLEX DI-OZ: Di-Iso-Octyl Azelate—Godfrey L Cabot
CABINET-SAN: Deodorants—Huntington Labs
CABOL 100: Plasticizers, Hydrocarbon Oil—Godfrey L Cabot
CABOTITE: Wollastonite—Godfrey L Cabot
CACHALOT: Fatty Alcohols, Higher—M Michel & Co
CACTUS: Products—Western Chem & Mfg Co
CADALYTE: Salts, Plating—E I du Pont de Nemours & Co, Electrochem Dept
CADMINATE: Fungicides, Turf—Mallinckrodt Chem Works
CADUX HS: Plating Processes—Hanson-Van Winkle-Munning Co
CAKE-A-LITE: Cleaners, Mechanical Dishwashing—Armstrong Chem Co
CALADOBE: Brick, Soil—American Bitumuls & Asphalt Co
CAL-A-SAL: Ammonium Chloride—Geo Callahan & Co
CALCENE TM: Pigments, Rubber—Columbia-Southern Chem Corp Sub
CALCIFORM: Acid, Hydrofluosilicic—Dehls & Stein
CALCO: Dyes, Pigments, Developers, Mordants, Esters, etc—Calco Chem Div
CALCOCHROME: Dyes, Mordant Acid (Chrome)—Calco Chem Div
CALCOCID: Dyes, Acid—Calco Chem Div
CALCODUR: Dyes, Direct—Calco Chem Div
CALCOFAST: Dyes, Acid (Metallized) & Dyes, Spirit Soluble—Calco Chem Div
CALCOFORM: Dyes, Direct Formaldehyde After-Treated—Calco Chem Div
CALCOGENE: Dyes, Sulfur—Calco Chem Div
CALCOLOID: Dyes, Vat (High Dispersed)—Calco Chem Div
CALCOMINE: Dyes, Direct & Developed—Calco Chem Div
CALCONYL: Dyes, Azoic—Calco Chem Div
CALCOPHEN: Dyes, Oil (Non-Subliming)—Calco Chem Div
CALCO RAPID: Dyes, Azoic—Calco Chem Div
CALCOSOL: Dyes, Vat—Calco Chem Div
CALCOTEX: Pigments, Resin Bonded—Calco Chem Div
CALCOTONE: Pastes, Pigment, Water Dispersed—Calco Chem Div
CALCOZINE: Dyes, Basic—Calco Chem Div
CAL-FIBRE: Talc—Southern California Minerals Co
CALGREEN: Insecticides—Chipman Chem Co
CAL-LAC: Products—Twin City Shellac Co
CALO-CLOR: Fungicides, Turf—Mallinckrodt Chem Works
CALOCURE: Fungicides, Turf—Mallinckrodt Chem Works
CALOGREEN: Fungicides, Turf—Mallinckrodt Chem Works
CALOMAG: Insecticides—Miller Products Co
CALORIA: Lubricants, High-Temperature—Esso Standard Oil Co
CALQUARTZ: Sodium Silicate—Philadelphia Quartz Co of Cal
CAMEL BACK: Copings, Wall—Robinson Clay Product Co
CAMERON: Products—Cameron Iron Works
CAMOMATIC: Valves, Automatic—Belco Industrial Equipment Div
CANARY KAOLIN: Clays, Ceramic—Godfrey L Cabot
CANAWAX: Wax Substitute, Vegetable—International Wax Refining Corp
CANCO: Products—American Can Co
CANRITE: Products—Diversey Corp
CANTONA: Oil, Cylinder—Esso Standard Oil Co
CAPEM: Machinery, Screw Capping—Consolidated Packaging Machy Corp
CAPITOL: Brighteners, Nickel—Hanson-Van Winkle-Munning Co
CAPSTONE: Salts, Nickel—Hanson-Van Winkle-Munning Co
CAPTAIN: Lubricators—William Powell Co
CARALAK: Products—Algin Corp of America
CARBALT: Membranes, Acid & Alkali-Proof—Heil Process Equipment Corp
CARBANALYZER: Instruments, Testing—Fisher Scientific Co
CARBASOL: Resins, Synthetic—C J Osborn Co
CARBIC: Acid Anhydrides & Derivatives—Carbide & Carbon Chem Co Div
CARBITOL: Solvents—Carbide & Carbon Chem Co Div
CARBO: Fungicides—Miller Products Co
CARBO-DUR: Products—Permutit Co
CARBOFRAX: Refractories, Carbide, Silicone—Carborundum Co
CARBO-KOREA: Cements, Acid-Proof—Atlas Mineral Products Co
CARBO-KOREZ: Cements, Acid-Proof—Atlas Mineral Products Co
CARBOLAC: Channel Black—Godfrey L Cabot
CARBOLON: Silicon Carbide & Abrasives, Silicon Carbide—Exolon Co
CARBONEX: Hydrocarbons, Rubber Compounding—Barrett Div
CARBON MET: Hydrocarbon Compounds, Methylated Aromatic—Curran Corp
CARBORTAM: Products—Titanium Alloy Mfg Div
CARBOSE: Sodium Carboxymethylcellulose—Wyandotte Chem Corp
CARBOSEAL: Anti-Leak—Carbide & Carbon Chem Co Div
CARBOSOTA: Preservatives, Wood—Barrett Div
CARBO-SOUR: Sours, Laundry—Diamond Alkali Co
CARBOVAR: Channel Black—Godfrey L Cabot
CARBO-VITROBOND: Cements, Sulfur—Atlas Mineral Products Co
CARBOWAX: Compounds—Carbide & Carbon Chem Co Div
CARBOXIDE: Fumigants—Carbide & Carbon Chem Co Div
CARCLAD: Finishes, Chemical-Resistant—Sherwin-Williams Co
CARDANOL: Fura-Tone—Irvington Varnish & Insulator Co
CAREY-DUCT: Ducts—Philip Carey Mfg Co
CAREY ELASTITE: Expansion Joints—Philip Carey Mfg Co
CAREY 85% MAGNESIA: Pipe Coverings—Philip Carey Mfg Co
CARNAUBIT: Wax, Carnauba, Substitute—Tilbury Refining Corp
CARNEGIE: Fertilizers & Insecticides—Carnegie Chem Mfg Co
CARN-O-SHYNE—Waxes, Floor—Trio Chem Works
CARPENTER: Drums—Emery Carpenter Container Co
CARPENTER-STANDARD: Drums, Plywood & Steel—Greif Bros Cooperage Corp
CARTESIAN: Products—Emil Greiner Co
CARTOWAX: Products—Pennotex Oil Corp
CARUM: Greases, Acid-Resistant—Esso Standard Oil Co
CARUS: Products—Carus Chem Co
CARVER: Pumps—Carver Pump Co
CASCADE: Nets—H Kohnstamm & Co
CASCO: Glue, Casein—Borden Co, Chem Div
CASCOPHEN: Resins, Resorcin—Borden Co, Chem Div
CASCO-RESIN: Resins, Urea—Borden Co, Chem Div
CASCOREZ: Emulsions, Polyvinyl Acetate—Borden Co, Chem Div
CASEMAKE: Glue, Flexible—Swift & Co
CASH STANDARD: Valves—A W Cash Co
CASTABLE BLOCK MIX: Castables, Insulating, Refractory—A P Green Fire Brick Co
CASTABLE INSULATION NO 20: Castables, Insulating, Refractory—A P Green Fire Brick Co
CASTALOY: Clamps—Fisher Scientific Co
CAS-TO-FIT: Refractories, Castable, Hydraulic Setting—Robinson Clay Product Co
CASTOMATIC: Solders—Federated Metals Div
CASTORDAG: Products—Acheson Colloids Co Div
CASTORWAX: Materials, Wax-Like (From Oil, Castor)—Baker Castor Oil Co
CASTUNG: Oil, Castor, Dehydrated & Oil, Linseed, Modified—Baker Castor Oil Co
CATALIN: Products—Catalin Corp of America
CATALOX: Driers, Octoate—Ferro Chem Corp
CATALYST AC: Textile Specialties—Merrimac Div, Monsanto Chem Co
CATEXER: De-Ionizing—Infilco Inc
CAUSPLIT: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
CAUSULS: Valves & Cocks, Metal Gate—Lunkenheimer Co
CAZAR: Greases—Esso Standard Oil Co
CEDAMBRETTE: Aromatics, Synthetic—Dow Chem Co
CEILCOTE: Membranes, Acid-Proof—Cellcote Co
CEILCRETE: Flooring, Acid-Proof—Cellcote Co
CEILDOR: Varnishes, Acid-Proof—Cellcote Co
CELECTRAY: Products—Tagliabue Instruments Div
CELERO—Gelatin, Edible—Swift & Co
CELFON: Finishes, Textile—General Dyestuff Corp
CELITE: Filter Aids, Filter Media & Diatomite—Johns-Manville
CELLAPRET: Finishes, Textile—General Dyestuff Corp
CELLINEROL: Dyes, Acetate—General Dyestuff Corp
CELLIT: Textile Specialties—General Dyestuff Corp
CELLITAZOL: Dyes, Acetate—General Dyestuff Corp
CELLITON: Dyes, Acetate—General Dyestuff Corp
CELLO-BOND: Cements, Cellophane—Paisley Products
CELLO-LUME: Brushes—Varniton Co
CELLOLYN: Resins—Hercules Powder Co
CELLOSIZE: Hydroxyethylcellulose—Carbide & Carbon Chem Co Div
CELLOSOLVE: Solvents—Carbide & Carbon Chem Co Div
CELLOWELD: Cements, Cellulose, Transparent—Polymer Chem Co
CELLOXAN: Textile Specialties—General Dyestuff Corp
CELLU: Adhesives—National Starch Products
CELLUFLEX: Tricresyl Phosphate, Petroleum Based—Celanese Corp of America
CELLUFLOC: Cellulose Flock—Puget Sound Pulp & Timber Co
CELOGEN: Blowing Agents for Rubbers, Plastics & Plastisols—Naugatuck Chem Div
CEM: Cappers, Lug—Crown Cork & Seal Co
CEMDEX: Paints, Cement—Debevoise Co
CENCORAP: Bags, Paper, Plastic-Coated—Central States Paper & Bag Co
CENTIFOLIOL: Oil, Rose, Synthetic—Fritzsche Bros
CENTRAFINE: Stokers—Westinghouse Elec Corp
CEN TRA VAC: Compressors, Centrifugal Refrigeration—Trane Co
CENTRICLONE: Products—Clarkson Co
CENTRICONE: Centrifuges, Laboratory—Precision Scientific Co
CENTRIMAX: Flowmeters—Leeds & Northrup Co
CENTRI-MERGE: Dust Collectors—Schmieg Industries
CENTROILER: Systems, Lube—Lincoln Engrg Co
CENTROL: Oils, Soya Bean & Lecithin—Central Soya Co
CENTROL STAR: Meal & Cake, Soybean—Central Soya Co
CENTROLUBER: Systems, Lube—Lincoln Engrg Co
CENTROMATIC: Systems, Lube—Lincoln Engrg Co
CENTURY: Products—Century Elec Co
CERAFAST: Lens Grinding & Polishing—Linick Chem Co
CERALAN: Alcohol, Lanolin—Robinson, Wagner Co
CERAMIC BLEND: Talc—Southern California Minerals Co
CERAMID: Waxes, Synthetic—Glyco Products Co
CERAMOL: Wax, Self-Emulsifying—Aceto Chem Co
CERANOVA: Waxes—Avon Trading Co
CERATAK: Products—Bareco Oil Co
CERATHERM 550: Stoneware—United States Stoneware Co
CERAWELD: Products—Bareco Oil Co
CERES: Pigments—General Dyestuff Corp
CERESAN: Disinfectants, Seed—E I du Pont de Nemours & Co, Grasselli Chem Dept
CERFAK: Detergents—E F Houghton & Co
CERITA: Waxes—M Argueso & Co
CERITA: Waxes, Industrial—Mamaroneck Chem Corp

CEROX: Cerium Oxide—Lindsay Chem Co
CERTIFIED: Colors, Cosmetic—H Kohnstamm & Co
CERTIFIED: Products—Stainless & Steel Products Co
CERTIFIED: Shellacs—Bradshaw-Praeger & Co
CERTILAC: Products—Bradshaw-Praeger & Co
CESCO: Equipment, Safety—Chicago Eye Shield Co
CETAL: Alcohol, Cetyl—Robinson, Wagner Co
CETIOL: Wax, Ester—Falick Products Co
CETOL: Cetyl Dimethyl Benzyl Ammonium Chloride—Fine Organics
CETOLYL: Alcohols, Fatty—Robinson, Wagner Co
CETOSTEARAL: Alcohols, Fatty—Robinson, Wagner Co
CHABELCO: Chains, Steel—Chain Belt Co
CHAINOMATIC: Products—Christian Becker Div
CHALLENGE: Pumice, Italian—Whittaker, Clark & Daniels
CHALLENGER: Belts—Republic Rubber Div
CHALLENGER: Extinguishers, Fire—American-LaFrance-Foamite Corp
CHAMPION: Hose—Republic Rubber Div
CHAMPION: Products—Chilean Nitrate Sales Corp
CHARG-A-CAN: Refrigerants, Packaged—Eston Chem
CHARIOT: Belts—Republic Rubber Div
CHARKETS: Briquettes, Charcoal—Tennessee Products & Chem Corp
CHAT: Surfactants—Antara Chem Div
CHECK PEST: Insecticides—Associated Sales & Supply Co
CHEK BAC: Quaternary Ammonium Compounds—Central O-B Products Co
CHEK/SPEK: Dye Penetrant Methods of Metals Inspection—Turco Products
CHEL: Cleaning Agents—Alrose Chem Co
CHELSEA—Equipment, Fans & Air Conditioning—Chelsea Fan & Blower
CHEM-BOND: Cleaners, Metal—Bell-Ray Chem Corp
CHEM-BRIX: Fire Brick—Illinois Clay Products Co
CHEMICO: Diluents—Miller Products Co
CHEMIGUM: Latex & Rubber, Synthetic—Goodyear Tire & Rubber Co
CHEM-I-KEG: Products—Heintz Mfg Co
CHEMISEAL: Preservatives—Chemiseal Co
CHEMIZON: Extractors, Solvent, Centrifugal—Podbielniak, Inc
CHEM KLOS Clothing, Acid-Proof—Mine Safety Appliances Co
CHEM-O-FEEDER: Pumps, Diaphragm—% Proportioneers Inc %
CHEMOSOL: Products—Chemo Puro Mfg Corp
CHEMPAC: Packing, Chemical-Resistant—Johns-Manville
CHEMPRO: Exchangers, Ion—Chemical Process Co
CHEM-VEER: Varnishes, Acid & Alkali Resistant—Grand Rapids Varnish Corp
CHEM-WEAVE: Products—Chem-Wear, Inc
CHEVRON: Packing—Garlock Packing Co
CHICAGO STAINLESS: Products—Chicago Stainless Equipment Corp
CHIKSAN: Products—Chiksan Co
CHILDERS: Jacketing, Aluminum Weather Proof—Childers Mfg Co
CHILLATORS: Coolers, Unit—McQuay Co
CHILLO: Oils—Cities Service Oil Co Del
CHILLO: Oils—Cities Service Petroleum
CHINA LAC: Products—Adelphi Paint & Color Works
CHIPCO: Primers, Pumps, Automatic—Chicago Pump Co
CHLORASOL: Fumigants—Carbide & Carbon Chem Co Div
CHLORAX: Weed Killers—Chipman Chem Co
CHLORCLAD: Coatings & Linings, Synthetic Rubber—Carboline Co
CHLORDEET: Insecticides—Miller Products Co
CHLORDUSTO: Insecticides—Miller Products Co
CHLOREX: Solvents—Carbide & Carbon Chem Co Div
CHLOREXTOL: Liquid, Insulating, Transformer—Allis-Chalmers Mfg Co
CHLORHYDROL: Chlorhydroxide Complex, Aluminum—Reheis Co
CHLOR-O-FEEDER: Chlorinators—% Proportioneers Inc %
CHLORO IPC 4E: Weed Killers—Miller Products Co
CHLOROMERGER: Chlorinators, Water—Spick Products Co
CHLOROWAX: Paraffin, Chlorinated—Diamond Alkali Co
CHLOROWEIGH: Products—Omega Machine Co
CHORE BOYS: Tractors, Industrial—Buda Co
CHRISTIAN BECKER: Products—Christian Becker Div
CHROMALOX: Equipment, Electric Heating—Edwin L Wiegand Co
CHROMASOID: Linings, Tank, Corrosion-Proof—Fred H Schaub Engrg Co
CHROME: Floats, Spray—Hanson-Van Winkle-Munning Co
CHROMEL: Products—Hoskins Mfg Co
CHROM FLO: Anodes—Hanson-Van Winkle-Munning Co
CHROMINDIGEN: Dyes, Chrome—General Dyestuff Corp
CHROMOGENE: Dyes, Chrome—General Dyestuff Corp
CHROMOL: Fat Liquors—Diamond Alkali Co
CHROMOXANE: Dyes, Chrome—General Dyestuff Corp
CHRONOFLO: Products—Builders-Providence
CICOIL: Oil, Oiticica—Brazil Oiticica
CINDERCOTE: Paints, Mill White— Debevoise Co
CINDUS: Products—Cincinnati Industries Inc
CIRCLE: Sifters—Allis-Chalmers Mfg Co
CIRCLE-CHILL: Rolls, Roller Mill—Allis-Chalmers Mfg Co
CIRCLE DESIGN: Products—Diversey Corp
CISCO: Solvents—Cities Service Oil Co Del
CISCO PEP: Products—Cities Service Oil Co Del
CISTOL: Extracts, Cistus—P Robertet Inc
CITIES SERVICE PERMANENT: Anti-Freeze—Cities Service Oil Co Del
CITROSYNTH: Oil, Citronella, Imitation—Florasynth Labs
CLARASE: Enzymes, Diastatic—Takamine Lab
CLARATOR: Water Softeners—Beico Industrial Equipment Div
CLARIFLOW: Products—F R Hormann & Co
CLARK: Engines & Compressors—Clark Bros Co
CLARK FLUID CONTROLS: Specialties, Steam—Clark Mfg Co
CLARKSON MODEL E: Products—Clarkson Co
CLARMINE: Products—Claremont Pigment Dispersion Corp
CLAYTON: Products—Clayton Mfg Co
CLEANITE: Cleaners—Chemical Specialties Co
CLEANSER NO. 600: Cleansers, Special—Solvay Process Div
CLEANSER X: Soda, Modified—Solvay Process Div
CLEANSOLFURS: Scouring Agents, Fur Dressing—Siegel Chem Co
CLEANUP: Soaps, Mechanics' & Powder—Flash Chem Co
CLEAN WITH BREEN: Products—Frank J Breen
CLEARJEL: Starch, Corn—National Starch Products
CLEAR-SELE: Products—Rust-Oleum Corp
CLEARSITE: Products—Celluplastic Corp
CLEAVER-BROOKS: Products—Cleaver-Brooks Co
CLEENO: Cleaners—Fuld Bros
CLENITAL: Cleaners—H Kohnstamm & Co
CLENOPINE: Disinfectants—United States Sanitary Specialties Corp
CLEVELITE: Tubing—Cleveland Container Co
CLIFFCHAR: Charcoals—Cliffs Dow Chem Co
CLIMATE CHANGERS: Air Conditioning Units—Trane Co
CLIMAX—Flavors—H Kohnstamm & Co
CLINITONE: Developer, Photographic—Mallinckrodt Chem Works
CLINTON: Products—Clinton Foods Inc
CLINTOSE: Dextrose, Hydrate—Clinton Foods Inc
CLIPPER: Brick, Refractory—A P Green Fire Brick Co
CLIPPER: Buffs—Hanson-Van Winkle-Munning Co
CLIPPER: Cleaners, Dairy—Diamond Alkali Co
CLOR: Sodium Hypochlorite—Pennsylvania Salt Mfg Co
CLORAFIN: Paraffin, Chlorinated—Hercules Powder Co
CLORANGE: Clouding Medium, Beverage—Florasynth Labs
CLOROBEN: Chemicals, Sanitation—Cloroben Corp
CLOROFOS: Disinfectants, Hypochlorite—F M Speekman Co
COALDRES: Oils—Cities Service Petroleum
COATINGAGE: Testers, Thickness—Branson Instruments
COBASCO: Coal Handling Systems—C O Bartlett & Snow Co
COBEE: Products— E F Drew & Co
COBLAX: Oil, Black—Esso Standard Oil Co
COBWELL: Garbage Reduction Plants—C O Bartlett & Snow Co
COCOON: Coatings—R M Hollingshead Corp
COCO-SUDS: Products—Slater-Robbins Co
COIN: Grease Cups—William Powell Co
COLD-PRO: Shellac, Bleached—Acme Shellac Products Co
COLFOAM: Insulation—Colton Chem
COLGATE: Soap—Colgate-Palmolive-Peet Co
COLLARGOL: Silver & Silver Oxide Preparations, Colloidal—Heyden Chem Corp
COLLIERY KING: Products—Boston Woven Hose & Rubber Co
COLLOCARB: Carbon Black—J M Huber Corp
COLLORESINE: Sizes, Textile—General Dyestuff Corp
COLMONOY SPRAYWELDER: Products—Wall Colmonoy Corp
COLOR-BREAK: Ampuls—Owens-Illinois Glass Co
COLOREX: Strippers, Textile—Stauffer Chem Co
COLORFIXE: Sours, Laundry—H Kohnstamm & Co
COLOR GRAIN: Products—Adelphi Paint & Color Works
COLORINE: Colors, Glass—Rosco Labs
COLOR-SET: Plant Hormones—Dow Chem Co
COLORSUDS: Soaps, Laundry—H Kohnstamm & Co
COLTON: Products—Arthur Colton Co
COLUMBIA: Carbon, Activated—Carbide & Carbon Chem Co Div
COLUMBIA: Products—Columbia-Southern Chem Corp Sub
COLUMBIAN: Lubricators—William Powell Co
COLUMBIA-SOUTHERN: Products — Columbia-Southern Chem Corp Sub
COMMINUTOR: Screens, Sewage—Chicago Pump Co
COMMON SENSE: Filters, Disc—Filter Paper Co
COMPACUNITS: Pumps—Warren Steam Pump Co, Inc
COMPEB: Mills, Grinding, Cylindrical—Allis-Chalmers Mfg Co
COMPO-BOND: Cements, Acid-Proof—Cellcote Co
COMPOUND C: Flameproofing Compounds—Rosco Labs
CONCAVEX: Grinding Media—Allis-Chalmers Mfg Co
CONCORD: Air & Steam—Boston Woven Hose & Rubber Co
CONCORD: Products—Concord Mica Corp
CONDENSOL: Products—New York & New Jersey Lubricant Co
CONDIT: Electrical Products—Allis-Chalmers Mfg Co
CONDOR: V-Belts—Raybestos-Manhattan Inc
CONDO-VAC: Pumps, Boiler Feed Condensate—Chicago Pump Co
CONDULET: Fittings, Conduit—Crouse-Hinds Co
CONICAL END: Fittings, Pipe—Tri-Clover Mach Co
CONJULIN: Oils, Drying, Synthetic—Woburn Chem Corp
CONJUSOY: Oils, Drying, Synthetic—Woburn Chem Corp
CONKEY: Evaporators & Filters—General American Trans Corp
CONKREE: Cleaners, Floor, Concrete—Peerless Chem Co
CONSERVO: Belt & Hose—Hewitt & Robbins
CONSET: Ore Jigs, Controlled Settling—Allis-Chalmers Mfg Co
CONSOLIDATED: Scales, Automatic—Consolidated Packaging Machy Corp
CONSOLIDATED: Valves, Safety & Relief—Manning, Maxwell & Moore
CONSTAMETRIC: Pumps, Volume, Pulsationless Controlled—Milton Roy Co
CON-TAC-TOR: Switches, Mercury—Minneapolis-Honeywell Regulator Co, Micro Switch Div
CONTINENTAL: Carbon Black—Witco Chem Co
CONTINENTAL: Hose & Tubing—Continental Rubber Works
CONTINENTAL: Clays—R T Vanderbilt Co
CONTINEX: Carbon Black—Witco Chem Co
CONTINUOUS FLOW: Conveyors—Beaumont Birch Co
CONTRATONE: Developers, Photographic—Mallinckrodt Chem Works
CONTREAT: Curing Compounds, Concrete—Associated Sales & Supply Co
CONVEYOFLO: Products—Builders Providence
COOLER-PROOF: Glue, Label—Paisley Products
COORDINATED PROCESS CONTROL: Control, Automatic—Bristol Co
COPAPEL: Mildew Preventives, Textile—General Dyestuff Corp
COPES: Products—Continental Foundry & Mach Co
COPPER HYDRE: Fungicides—Chipman Chem Co
COPPUS: Products—Coppus Eng Corp
COPRALYTE: Salts, Plating—E I du Pont de Nemours & Co, Electrochem Dept
CORAY: Oil, Lubricating—Esso Standard Oil Co
CORDEX: Preservatives, Rope & Net—Nuodex Products Co
CORHART: Refractories—Corhart Refractories Co
CORHART 104: Refractories—Corhart Refractories Co
CORHART ELECTROCAST: Ramming Mix—Corhart Refractories Co
CORHART ZAC: Refractories—Corhart Refractories Co
CORIAL: Finishes, Leather—General Dyestuff Corp
CORIKAL: Wetting Agents—General Dyestuff Corp
CORIPOL: Oil, Sulfonated Neatsfoot—General Dyestuff Corp
CORNING: Glasses & Glassware—Corning Glass Works
COROGARD: Protective Coatings—Minnesota Mining & Mfg Co, Adhesives & Coatings Div
CORONA: Oil, Ylang Ylang—Fritzsche Bros
CORO-NIEL: Cleaners, Alkali, Corrosion Control—Nieico Chem
COROX: Products—Perkins Glue Co
CORPOLIN: Humectants & Paper, Textile Printing & Plasticizing—Heyden Chem Corp
CORRUFLEX: Expansion Joints, Packless—American District Steam Co
CORUMBA: Wax—T G Cooper & Co
COSMALITE: Tubing—Cleveland Container Co
COSMALITE: Resins, Phenolic—Colton Chem Co
COSMIC: Bone Products—American Agricultural Chem Co
COSMOLEATHER: Dyes, Leather—General Dyestuff Corp
COSMOLINE: Preventives, Rust—E F Houghton & Co
COSMOLITE: Waxes, Floor—Huntington Labs
COSOL: Solvents, Aromatic—Neville Co
COTONEROL: Dyes, Direct—General Dyestuff Corp
COTOPACK: Towers, Cooling—J F Pritchard & Co
COTOSPRAY: Nozzles & Towers, Cooling—J F Pritchard & Co
COUNTERFLO: Heaters—Dravo Corp
COVERAL: Deodorants, Textile—General Dyestuff Corp
COVERLIGHT: Coverings, Protective—Vulcan Rubber Products
CRAG: Chemicals, Agricultural—Carbide & Carbon Chem Co Div
CRATER: Sulphur—Miller Products Co
CREAM NEUTRALIZER: Neutralizer, Sour Cream—Solvay Process Div
CREAMODORS: Perfume Compounds for Creams & Lotions—Naugatuck Aromatics
CREAMOYL: Products—Scholler Bros
CREMELAC: Gelatin, Edible—Swift & Co
CREME GLOSS: Polishes, Furniture—Uncle Sam Chem Co
CRESCENT: Products—Crescent Truck Co Div
CRESCENT: Valves—Barksdale Valves
CRESCENT: Lubricators—William Powell Co
CRESCENT: Valves—William Powell Co
CRITERION: Flavors—H Kohnstamm & Co
CROLOY: Pipe & Tubing—Babcock & Wilcox Co
CROMALOY: Fluxes, Welding—Linde Air Products Co Div
CROWN: Pottery, Stoneware & Mortar, Bonding (High Temperature)—Robinson Clay Product Co
CRYDUSTO: Insecticides—Miller Products Co
CRYOGEL: Agents, Gelling—Mallinckrodt Chem Works
CRYPTONE: Zinc Sulfide—New Jersey Zinc Sales Co
CRYSALBA: Calcium Sulfate—Monsanto Chem Co, Phosphate Div
CRYSTAL: Asphalt & Paints, Corrosion-Resistant—Barrett Div
CRYSTAL: Oil, Castor—Baker Castor Oil Co
CRYSTALLOSE: Saccharin Sodium—Heyden Chem Corp
CRYSTAL TIPS: Ice Cube Maker, Automatic—McQuay Co
CRYSTAMET: Sodium m-Silicate—Cowles Chem Co
CRYSTEX: Sulphur, Insoluble—Stauffer Chem Co
CRYSTOLON: Abrasives & Refractories—Norton Co
CUBOND: Fluxes, Brazing—Glidden Co
CUBOR: Rotenone Dusts—Chipman Chem Co
CUMAR: Resins—Barrett Div
CUNILATE: Copper 8-Quinolinolate, Solubilized—Scientific Oil Compounding Co
CUNIMENE: Fungicides—Scientific Oil Compounding Co
CUPOLINE: Clays, Refractory—International Minerals & Chem Corp, Industrial Minerals Div
CUPRA: Preservatives, Wood—Miller Products Co
CUPRALUM: Copper, Lead Clad—Knapp Mills
CUPROCIDE: Fungicides, Plant, Cuprous Oxide—Rohm & Haas Co
CUPRO K: Fungicides, Plant, Copper Oxychloride-Base—Rohm & Haas Co
CURVACORE: Transformers—Allis-Chalmers Mfg Co
CUSTOM-AIR: Cooling & Heating, Unitary Room—Trane Co
CUT-EASE: Lubricants, Cutting—American Grease Stick Co
CUTLER'S: Sodium Chloride—Cutler-Magner Co
CUTLER-HAMMER: Products—Cutler-Hammer
CUTNO: Packings—Greene, Tweed & Co
CUTRILIN: Bates, Tanning—American Cyanamid Co, Industrial Chem Div
CYACOR: Foundry Core Binders—American Cyanamid Co, Plastics & Resins Div
CYANANTHRENE: Dyes, Acid—General Dyestuff Corp
CYANANTHROL: Dyes, Acid—General Dyestuff Corp

CYANDGAS A-DUST: Calcium Cyanide—American Cyanamid Co, Agricultural Chem Div
CYANEGG: Sodium Cyanide—E I du Pont de Nemours & Co, Electrochem Dept
CY-AN-IN: Cyanide Concentrates, Indium—Indium Corp of America
CYANOBRITE: Salt, Mercury—E I du Pont de Nemours & Co, Electrochem Dept
CYANOFLAKE: Sodium Cyanide—E I du Pont de Nemours & Co, Electrochem Dept
CYANOGRAN: Sodium Cyanide—E I du Pont de Nemours & Co, Electrochem Dept
CYCLAMAL: Chemicals, Aromatic—Verona Chem Co
CYCLATOR: Clarifiers—Infilco Inc
CYCLEBOND: Adhesives & Cements—Cycleweld Cement Products Plant Div
CYCLEWELD: Adhesives & Cements—Cycleweld Cement Products Plant Div
CYCLO: Crushers & Pulverizers—C O Bartlett & Snow Co
CYCLOCEL: Catalysts—Attapulgus Minerals & Chem Corp
CYCLO-MATIC: Products—Arnold Dryer Co
CYCLOPON: Detergents, Textile—General Dyestuff Corp
CYCLOTENE: Flavors, Synthetic—Dow Chem Co
CYCOPOL: Products—American Cyanamid Co, Plastics & Resins Div
CYLESSO: Oil, Cylinder—Esso Standard Oil Co
CYPER: Dyes, Basic—General Dyestuff Co

D

DA-1: Catalysts—Davison Chem Corp
DB: Oils, Dielectric—Baker Castor Oil Co
DBA: Accelerator Activators for Rubber—Naugatuck Chem Div
D-C SERIES: Oils—Cities Service Petroleum
D-D: Fumigants, Soil—Shell Chem Corp
DDT DUSTS: Insecticides—Miller Products Co
DDT EMULSIONS: Insecticides—Miller Products Co
DDT HOUSEHOLD SPRAY: Insecticides—Miller Products Co
D-FLOX: Detergents, Laundry—Essential Chem Co
D-GLAZER: Products—Diversey Corp
DHA: Fungicides—Dow Chem Co
D H S ACTIVATOR: Insecticides—Hercules Powder Co
DIMYRJ: Surafce Active Agents, An-Ionic—Atlas Powder Co
D MEN: Products—Diversey Corp
DMP: Phenols, Aminomethyl, Substituted—Rohm & Haas Co
DN: Chemicals, Agricultural—Dow Chem Co
D & O: Products—Dodge & Olcott
DPI: Equipment, Vacuum—Distillation Products Industries Div
DPR: Rubber, Crude, Depolymerized—H V Hardman Co
D-X: Products—Mid-Continent Petroleum Corp
DYSH: Products—Davies-Young Soap Co
DACOLYTE: Addition Agents—E I du Pont de Nemours & Co, Electrochem Dept
DACRONOLE: Dyeing Aids, Dacron—Titan Chem Products
DAG: Products—Acheson Colloids Co Div
DAINTEX: Detergents—Hercules Powder Co
DAIRY BARN SPRAY: Insecticides—Miller Products Co
DANDA: Vitamin D & Vitamin A—General Mills, Special Commodities Div
DANDEE: Compositions—Hanson-Van Winkle-Munning Co
DAN-DEE: Products—Twin City Shellac Co
DANTOIN: Products—Glyco Products Co
DARACONE: Waterproofing Agents—Dewey & Almy Chem Co
DARAJOINT: Sealers, Joint, Concrete—Dewey & Almy Chem Co
DARAKOTE: Asphalt Anti-Stripping Compounds—Dewey & Almy Chem Co
DARALITE: Entraining Agents, Air, Concrete & Additives, Asphalt—Dewey & Almy Chem Co
DARASEAL: Concrete Curing Compound—Dewey & Almy Chem Co
DARCOVA: Cups, Valve—Darling Valve & Mfg Co
DARDUL: Dullers, Dark—Seaboard Industries
DAREX: Products—Dewey & Almy Chem Co
DAREX AEA: Entraining Agents, Air, Concrete—Dewey & Almy Chem Co
DARLING: Valves—Darling Valve & Mfg Co
DARSIL: Oxidizing Agents—E I du Pont de Nemours & Co, Electrochem Dept
DARVAN: Dispersing Agents—R T Vanderbilt Co
DAVCO: Fertilizers—Davison Chem Corp
DAXAD: Dispersing Agents—Dewey & Almy Chem Co
DAY DUAL-CLONE: Separators, Dust—Day Co
DAY TYPE AC: Filters, Dust—Day Co
DE-ACIDITE: Products—Permutit Co
DE-AIREX: Defoamers—E F Houghton & Co
DEARBORN: Boiler Feed Water Treatment & Compounds, Boiler, Anti-Foam & Corrosion-Inhibiting—Dearborn Chem Co
DEARBORN RED: Colors, Dry, Red—Sherwin-Williams Co
DEARCO: Cleaners, Industrial, Alkaline & Acid—Dearborn Chem Co
DEBECOTE: Paints, Metallic—Debevoise Co
DEBELOID: Paints, Acid-Alkali Resistant—Debevoise Co
DECALCOMANIA: Products—Meyercord Co
DECALIN: Decahydronaphthalene—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
DECALSO: Products—Permutit Co
DECERESOL: Wetting Agents—American Cyanamid Co, Industrial Chem Div
DECETEX 104: Water Repellents, Textiles—Dow Corning Corp
DECITRENE: Wetting Agents & Assistants, Dye—Titan Chem Products
DECOSEAL: Paints, Aluminum—Debevoise Co
DECROLINE: Strippers, Textile—General Dyestuff Corp
DED-TOX: DDT Insecticides—Thompson Hayward Chem Corp
DED-WEED: Weed Killers—Thompson Hayward Chem Corp
DEENATE: DDT Insecticides—E I du Pont de Nemours & Co, Grasselli Chem Dept
DEE TEE: Products—Distributing & Trading Co
DEFIANCE: Goggles, Non-Fog—Goggle Parts Co
DEFLUOROPHOS: Phosphate, Defluorinated—International Minerals & Chem Corp, Phosphate Div
DEHYDROL: Oil, Castor, Dehydrated—Sherwin-Williams Co
DEKOL: Leveling Agents, Textile—General Dyestuff Corp
DEL: Coatings, Protective—David E Long Corp
DELANIUM: Exchangers, Heat—Delanium Carbon Corp
DE-LIQUID: Products—Vitamins Inc
DELPHA: Products—C E Ising Corp
DELSON: Powders, Foam—DeLamar-Hendrey
DELSTEROL: Vitamin D—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Vitamins Section
DELTASEAL: Equipment & Bags—Bemis Bro Bag Co
DEMAL: Products—Emulsol Corp
DEMPSTER-DUMPSTER: Materials Handling Systems—Dempster Bros
DENSATONE: Inks—Fred'k H Levey Co
DENSICHRON: Densitometers—W M Welch Mfg Co
DEOXIDINE: Cleaners, Metal—American Chem Paint Co
DE-OX-TUBES: Deoxidizers, Metal—Foundry Services
DEPENTA: Preservatives, Wood—Miller Products Co
DEPILIN: Agents, Unhairing—American Cyanamid Co, Industrial Chem Div
DEPYRO: Insecticides—Miller Products Co
DERACLOUD: Insecticides, Agricultural, Animal—S B Penick & Co
DERAMIST: Insecticides, Agricultural, Animal—S B Penick & Co
DER-MA-PLY: Coatings, Skin Protective—Nielco Chem
DERMA SKOUR: Products—Diversey Corp
DERMINOL: Wetting Agents—General Dyestuff Corp
DERRIS 400: Insecticides—Miller Products Co
DERRIS 500: Insecticides—Miller Products Co
DESICCITE: Desiccants—Flitrol Corp
DESIGUARD: Shields—Fisher Scientific Co
DE-SOLV-AL: Degreasing Compounds—A J Stull & Co
D'ESTE: Strainers & Valves, Regulating—Kaye & MacDonald
DESUPERHEATERS: Products—Copes-Vulcan Div
DETECT-A-FIRE: Alarms, Temperature & Fire Detectors—Fenwal Inc
DETECTO: Scales—Detecto Scales
DETERSOL: Detergents, Textile—Standard Chem Products
DETHDIET: Rodenticides—S B Penick & Co
DETHMOR: Rodenticides—S B Penick & Co
DETHNEL: Powders, Roach—United States Sanitary Specialties Corp
DETREX: Products—Detrex Corp
DETROIT: Cranes & Hoists—Detroit Hoist & Mach Co
DE-VITAMINIZED: Casein—Sheffield Chem Co
DEVOL: Monomethyl p-Amino Phenol Sulfate—George J Wiesner Co
DEWSET: Inks—Fred'k H Levey Co
DEXTROL: Products—Dexter Chem Corp
DIAFOAM: Foam Preventing Agents—Rohm & Haas Co
DIAMINE: Dyes, Direct—General Dyestuff Corp
DIAMINOGEN: Dyes, Direct—General Dyestuff Corp
DIAMOND: Dyes, Chrome—General Dyestuff Corp
DIAMOND: Products—Diamond Chain Co
DIAMOND: Products—Diamond Power Specialty Corp
DIAMOND: Products—Mid-Continent Petroleum Corp
DIAMOND BRAND: Products—Diamond Alkali Co, Organic Chem Div
DIAMOND-JO: Mortars, Refractory—A P Green Fire Brick Co
DIAMONTINE: Polishing of Fine Steel—Linick Chem Co
DIANIL: Dyes, Direct—General Dyestuff Corp
DIAPHLEX: Relays & Switches—Cook Elec Co
DI-AQUA: Wetting Agents—Diamond Alkali Co
DIASAN: Bacteriacide, Laundry—H Kohnstamm & Co
DIASEAL: Products—Imperial Brass Mfg Co
DIASTAFOR: Desizing Agents—Standard Brands, Special Products Div
DIATRON: Chambers, Ionization, Leak Detector—Consolidated Engrg Corp
DIAZANIL: Dyes, Direct—General Dyestuff Corp
DIAZOPON: Dispersing Agents, Textile—General Dyestuff Corp
DI-BA: Products—Godfrey L Cabot
DIBENSO GMF: Accelerator Activators for Rubber—Naugatuck Chem Div
DICALITE: Filter Aids & Fillers—Dicalite Div
DICAN: Products—Diversey Corp
DICHLORAN: Alkyl Dimethyl Dichlorobenzyl Ammonium Chloride—Fine Organics
DICO: Products—Diversey Corp
DICOLOID: Products—Diversey Corp
DIELDRON: Insecticides—Miller Products Co
DIFLEX: Products—Diversey Corp
DIGGIN: Tables, Control, Electroplating—Hanson-Van Winkle-Munning Co
DIHYDRO-VANILLOIN: Flavorings, Vanilla, Artificial—Florasynth Labs
DILAC: Products—Diversey Corp
DILAN: Insecticides—Commercial Solvents Corp
DILEINE: Inhibitors, Textile Finish, Gas-Fading—Jacques Wolf & Co
DILUEX: Diluents—Floridin Co
DIMENSO: Enamels, Industrial—Sherwin-Williams Co
DINOPOL: Di-n-Octyl Phthalate—Ohio-Apex Inc Div
DIOKEM: Products—Diversey Corp
DIOL: Oil, Lubricating—Esso Standard Oil Co
DIPAFILM: Rubber Agents, Anti-Stick—Essential Chem Co
DIPENTEK: Dipentaerythritol Technical—Heyden Chem Corp
DIPENTENE 122: Solvents—Hercules Powder Co
DIP-PAK: Coatings, Hot Melt—Fidelity Chem Products Corp
DIPWRAP: Protective Compounds (Ethyl Cellulose)—Paisley Products
DIP-ZOF: Degreasing—R M Hollingshead Corp
DISC-PAK: Filters, Oil—Alsop Engrg Corp
DISH-A-DU: Detergents—An-Fe Mfg Co
DISPALOSOL: Dispersing Agents—Titan Chem Products
DISPERCO: Soaps, Metallic—Witco Chem Co
DISPERSITE: Aqueous Dispersions of Rubber—Naugatuck Chem Div
DISPERSOLENE: Dispersing Agents, Dye—Titan Chem Products
DITHANE: Fungicides, Plant, Synthetic Organic—Rohm & Haas Co
DITRAN: Products—Diversey Corp
DIVERBAC: Products—Diversey Corp
DIVERSEY EVERITE: Products—Diversey Corp
DIVERSEY KURDEX: Products—Diversey Corp
DIVERSOL: Products—Diversey Corp
DIVO: Products—Diversey Corp
DIVOBAN: Products—Diversey Corp
DIVOBRITE: Products—Diversey Corp
DIXIE: Carbon Black—United Carbon Co
DIXIE BOND: Bentonite, Non-Swelling—International Minerals & Chem Corp, Industrial Minerals Div
DIXIGLOSS: Carbon Black—United Carbon Co
DIXO: Soaps, Dry Cleaning—Dixo Co
DODGE-TIMKEN: Bearings—Dodge Mfg Corp
DOMINION: Products—Dominion Products
DOOR-EASE DRIPLESS: Oils, Penetrating—American Grease Stick Co
DOREX: Products—W B Connor Engrg Corp
DORMO: Insecticides—Miller Products Co
DORR: Equipment, Wet Processing—Dorr Co Engrs
DORRCO: Equipment, Wet Processing—Dorr Co Engrs
DORTAN: Oils, Metal-Cutting—Esso Standard Oil Co
DOUBLE: Bags, Anode—Hanson-Van Winkle-Munning Co
DOUBLE-DUTY: Sours, Laundry—Diamond Alkali Co
DOUBLETON: Pumps, Multi-Stage, Axially & Radially Balanced—Allis-Chalmers Mfg Co
DOW: Chemical Products—Dow Chem Co
DOWANOL: Ethers, Glycol—Dow Chem Co
DOWCLENE: Fluid, Dry-Cleaning—Dow Chem Co
DOW CORNING: Silicones—Dow Corning Corp
DOWEX: Resins, Ion Exchange—Dow Chem Co
DOWFLAKE: Dehydrating Agents—Dow Chem Co
DOWFUME: Fumigants—Dow Chem Co
DOWICIDE: Germicides—Dow Chem Co
DOWKLOR: Insecticides—Dow Chem Co
DOWMETAL: Alloys, Magnesium—Dow Chem Co
DOWN FLOW: Heaters, Unit—McQuay, Inc
DOWSPRAY: Herbicides & Insecticides—Dow Chem Co
DOWTHERM: Heat Transfer Agents—Dow Chem Co
DOYLE INFRARED DRYER: Products—J E Doyle Co
DRAIN-DRI: Pumps, Sump—Yeomans Bros Co
DRAINTROL: Traps, Steam—Fred H Schaub Engrg Co
DRAKEOL: Oil, Mineral—Pennsylvania Refining Co
DRAPEX: Plasticizers—Argus Chem Lab
DRAVER: Feeders—B F Gump Co
DRAWCLEAN: Metal Stamping Compounds—Phoenix Oil Co
DRAWCOOL: Metal Stamping Compounds—Phoenix Oil Co
DRAW-EX: Drawing Compounds—Penola Oil Co
DRAW WELL: Drawing Compounds, Wire—G Whitfield Richards
DREADNAUGHT: Cleaners, Dairy—Diamond Alkali Co
DREADNAUT: Goggles, Safety—American Optical Co
DRESINATE: Soaps, Rosin & Sizes, Paper—Hercules Powder Co
DRESINOL: Emulsions, Rosin—Hercules Powder Co
DREWTERGENTS: Products—E F Drew & Co
DRIERITE: Products—W A Hammond Drierite Co
DRI-FILM: Water Repellent, Silicone—General Elec, Chem Div
DRIFLAT: Glue, Bone, Plasticized—Swift & Co
DRI-FLEX: Glue—Burtonite Co
DRIOCEL: Products—Attapulgus Minerals & Chem Corp
DRI-PURE: Separators, Water-Oil—Honan-Crane Corp
DRI-TITE: Canvas—Bemis Bro Bag Co
DRI-TRI: Trisodium Phosphate, Anhydrous—A R Maas Chem Co Div
DRIZONE: Products—Attapulgus Minerals & Chem Corp
DRUM HANGER: Products—Hodgson Engrg & Mfg Co
DRUMMOND: Soaps—Standard Soap Co of Camden
DRUMTITE: Binders, Metallic—Multi-Metal Wire Cloth Co
DRY CHEMICAL: Extinguishers, Fire—American-LaFrance-Foamite Corp
DRY-EX: Coolers, Water—Acme Industries, Dept CWG
DRYMET: Sodium m-Silicate, Anhydrous—Cowles Chem Co
DRYON: Adhesives—National Starch Products
DRYORTH: Sodium o-Silicate—Cowles Chem Co
DRY PYROCIDE: Dusting Powders, Agricultural—McLaughlin Gormley King Co
DRYSEQ: Sodium Sesquisilicate—Cowles Chem Co
DUAFUEL: Products—Nordberg Mfg Co
DUAL: Traps, Steam—American District Steam Co
DUAL CLONE: Separators, Dust—Day Co
DUAL DYE: Dyes, Petroleum—Griffin Chem Co
DUAL-FUEL: Burners—North American Mfg Co
DUAL PURPOSE: Unit Coolers—McQuay Co
DU-BAR: Bleaches, Wood—V J Dolan & Co
DUCLEAN: Acids, Inhibited—E I du Pont de Nemours & Co, Grasselli Chem Dept
DUCO: Enamels, Lacquer—E I du Pont de Nemours & Co, Finishes Dept
DUCTATHERM: Controls, Temperature, Duct—Mercoid Corp
DU-LITE: Paints, Maintenance—E I du Pont de Nemours & Co, Finishes Dept
DULLATONE: Delustrants—Onyx Oil & Chem Co

DULUX: Enamels & Finishes—E I du Pont de Nemours & Co, Finishes Dept
DUMORE: Products—Diversey Corp
DUN-RITE: Detergents—Trio Chem Works
DUO: Products—V D Anderson Co
DUODYNE: Products—Aerodyne Development Corp
DUO EQUALIZING: Expansion Joints, Packless—Zallea Bros
DUOL: Colors, Dry—E I du Pont de Nemours & Co, Pigments Dept
DUOLITE: Products—Chemical Process Co
DUOLITH: Lithopone—E I du Pont de Nemours & Co, Pigments Dept
DUO-SEAL: Pumps, Vacuum—Wm Welch Mfg Co
DUOTROL: Controls, Pressure—Automatic Control Co
DU PAGE: Products—Fred'k A Stresen-Reuter
DUPLEX PITCH: Pitch, Brewers'—Dehls & Stein
DUPLEX-SLEEVE: Expansion Joints—American District Steam Co
DUPONOL: Alcohols, Higher, Sulfated—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
DURABEAU: Products—Scholler Bros
DURABEL: Coatings, Tank—Perolin Co
DURA-BOND: Starches—National Starch Products
DURAGARD: Goggles, Safety—American Optical Co
DURAGLAS: Containers—Owens-Illinois Glass Co
DURALITE: Goggles, Safety—American Optical Co
DURAPLEX: Alkyd Resins for Enamels—Rohm & Haas Co
DURASTAN: Products—Rapids-Standard Co
DURA-TRED: Chains—Beaumont Birch Co
DURAWELD: Goggles, Safety—American Optical Co
DURCO: Products—Duriron Co
DUREZ: Products—Durez Plastics & Chem
DURITE: Molding Compounds—Borden Co, Chem Div
DURO: Valves, Blow Off—Lunkenheimer Co
DUROBAR: Chains—Chain Belt Co
DUROBOND: Products—Electro Chem Engrg & Mfg Co
DURO-BRACE: Sheaves, Pressed Steel—Allis-Chalmers Mfg Co
DUROBRITE: Addition Agents—E I du Pont de Nemours & Co, Electrochem Dept
DUROFIX: Fixatives, Perfumes—Fritzsche Bros
DUROKOTE: Products—Electro Chem Engrg & Mfg Co
DURON: Products—Electro Chem Engrg & Mfg Co
DURONT 500: Wax, Refined Montan—Dura Commodities Corp
DUROPRENE: Products—Electro Chem Engrg & Mfg Co
DUROWARE: Products—Electro Chem Engrg & Mfg Co
DUROXON: Wax, Oxidized Microcrystalline—Dura Commodities Corp
DURO XXX: Products—Electro Chem Engrg & Mfg Co
DURPON: Drawing Compounds, Wire—Nopco Chem Co
DUSTMASTER: Calcium Magnesium Chloride—Michigan Chem Corp
DUST-M-KLEEN: Insecticides—Miller Products Co
DUST-R-SPRA: Insecticides—Miller Products Co
DUST-SUCKER: Ventilating—C O Bartlett & Snow Co
DUSTUBE: Collectors, Dust & Bags, Filter—American Wheelabrator & Equipment Corp
DUTCH BOY: Oils, Paints, Metals, etc—National Lead Co
DUTCH BOY: Solder, Acid & Rosin Core—Morris P Kirk & Son
DUVAL: Oils, Essential—S B Penick & Co
DYAL: Resins & Solutions, Alkyd—Sherwin-Williams Co
DYBRITE: Dyes, Basic—Calco Chem Div
DY/CHEK: Dye Penetrant Methods of Metals Inspection—Turco Products
DYEOL: Bath Aids, Dye—Titan Chem Products
DYMAL: Resins, Maleic—Sherwin-Williams Co
DYNACIDE: Herbicides—William M Stieh & Co
DYNACLONE: Collectors, Dust—W W Sly Mfg Co
DYNALOG: Instruments, Electronic—Foxboro Co
DYNAMASTER: Potentiometers—Bristol Co
DYPENOL: Penetrants—Dexter Chem Corp
DYPHENE: Resins, Phenolic—Sherwin-Williams Co
DYPHENITE: Resins, Phenolic, Modified—Sherwin-Williams Co
DYSCO: Products—Davies-Young Soap Co
DYSEPT: Soaps, Liquid, Antiseptic—Davies-Young Soap Co
DY-SET: Fixing Agents, Direct Dye—Scher Bros.

E

EC-10: Cleaners, Metal—Pennsylvania Salt Mfg. Co.
ECH: Products—Equipment Clearing House
EF: Products—Electric Furnace Co
E3 PATCH: Repairs, Floor—Sullivan Co
E S E N: Retarders or Anti-Scorch for Rubber—Naugatuck Chem Div
EX-L: p-Dichlorobenzene—Standard Chlorine Chem Co
E-Z UP: Products—Hodgson Engrg & Mfg Co
EAGLE GERMANTOWN: Lamp Black—L Martin Co
EAGLE-PICHER: Products—Associated Lead & Zinc Co
EAGLE-PICHER: Products—Eagle-Picher Co
EASTERN: Products—Eastern Industries
EASTMAN: Dyestuffs, Acetate & Acetate & Esters, Cellulose—Eastman Chem Products
EASTMAN: Organic Chemicals—Distillation Products Industries
EASTONE: Products—Eastman Chem Products
EASY: Pumps—Easy Industries
EASY-FLO: Alloys, Silver Brazing—Handy & Harman
EASY RIDE: Conveyors—Filter Paper Co
EBLIS: Oils, Cutting, Sulfurized—W A Wood Co
EBONOL: Chemicals, Metal Treating—Enthone Inc
ECONOFOLD: Buffs—Hanson-Van Winkle-Munning Co
ECONOMITE: Burners, Gas—Mid-Continent Metal Products Co
ECONOMOIL: Insecticides—Miller Products Co
ECONOMY: Gelatin, Edible—Swift & Co
ECONOMY: Insecticides—Miller Products Co
ECONO-SOUR: Sours, Laundry—Diamond Alkali Co
EDAMIN: Hydrolysate—Sheffield Chem Co
EDCAN: Products—Edcan Labs
EDGAR: Filters, Pigment, Extender—Edgar Bros
EDISON: Products—Thomas A Edison
EDTBAUER: Scales—B F Gump Co
EDUCTOSCOPE: Products—Omega Mach Co
EDWARD: Products—Edward Valves
EFF-BEE: Flavors—Fritzsche Bros
EFFECTONE: Finishes, Leather—Kepec Chem Corp
EFFICIENCY: Products—Superior Chem Works
EGCO: Products—Emil Greiner Co
EGGOL: Oil, Mineral, White—Sherwood Refining Co
EIDERDOWN: Soap Powders—S B Penick & Co
EIFORT: Clays, Fire—International Minerals & Chem Corp, Industrial Minerals Div
EIMCO: Machinery—Eimco Corp
EKOMO: Flavors—Fritzsche Bros
ELAINE: Acid, Oleic—Emery Industries
ELAN TIBET: Oils, Perfume—Florasynth Labs
ELASTENAMEL: Paints, Rubber Base—Dehls & Stein
ELASTEX: Plasticizers—Barrett Div
ELASTIC: Bags, Multi-Wall, Paper—Arkell Safety Bag Co
ELASTIGUM: Coatings, Roof—Barrett Div
ELASTIKOTE: Products—Tropical Paint & Oil Co
ELASTOBOND: Cements, Emulsion (Rubber-Resin)—Paisley Products
ELASTOILS: Oils, Fish—Industrial Oil Products Corp
ELCACID: Dyes, Acid—L & R Organic Products Co
ELCAZO: Dyes, Developed—L & R Organic Products Co
ELCO: Dyes—L & R Organic Products Co
ELCOCHROME: Dyes, Chrome—L & R Organic Products Co
ELCOCYL: Dyes, Acetate & Nylon—L & R Organic Products Co
ELCOGEN: Dyes, Azoic, Printing—L & R Organic Products Co
ELCOMINE: Dyes, Direct—L & R Organic Products Co
ELCOSOL: Dyes, Vat, Soluble—L & R Organic Products Co
ELCOSUL: Dyes, Sulphur—L & R Organic Products Co
ELCOVAT: Dyes, Vat—L & R Organic Products Co
ELDHYCO: Acids, Fatty, Mixed—El Dorado Oil Works
ELDOPLAST: Plasticizers—El Dorado Oil Works
ELECDROPODE: Instruments, Testing—Fisher Scientific Co
ELECTRA: Enamels—Baer Bros
ELECTRIC EAR: Controls, Grinding Mill—Hardinge Co
ELECTRIFUGAL: Pumping Units—Allis-Chalmers Mfg Co
ELEC-TRI-PAK: Products—Triangle Package Machy Co
ELECTROCAST: Refractories—Corhart Refractories Co
ELECTRO-CELL: Filters, Air—American Air Filter Co
ELECTRO-CHEMOGRAPH (TYPE E): Analysis, Polarographic—Leeds & Northrup Co
ELECTRO-COOLER: Cooling Systems for Transformers—Allis-Chalmers Mfg Co
ELECTROFORGED: Steel Grating—Blaw-Knox Corp
ELECTROGRAPH: Instruments, Testing—Fisher Scientific Co
ELECTRO-HEMOMETER: Instruments, Testing—Fisher Scientific Co
ELECTRO-MATIC: Filters, Air—American Air Filter Co
ELECTRO-MATIC: Water Softeners—Permutit Co
ELECTRO-MATIC: Valves—Texas Lawn Sprinkler Co
ELECTROMAX: Controls, Temperature & Conductivity—Leeds & Northrup Co
ELECTRONIC: Manometers—Hastings Instrument Co
ELECTRO-PL: Filters, Air—American Air Filter Co
ELECTROPLAST: Mortars, High Temperature—Corhart Refractories Co
ELECTRO-VAPOR: Kettles—Blaw-Knox Corp
ELEKTRO-PURJ-IT: Products—Diversey Corp
ELEVATOR TYPE: Conveyors—Hanson-Van Winkle-Munning Co
ELF: Channel Black—Godfrey L Cabot
ELFURNO: Products—Electric Furnace Co
ELGIN: Water Conditioning Products—Elgin Softener Corp
ELIPTEX: Screens, Vibrating—Hewitt-Robins
ELITE: Products—D T Williams Valve Co Div
ELK: Antimony Oxide—Whittaker, Clark & Daniels
ELK: Chemicals, Pharmaceutical—B R Elk & Co
EL-SIXTY: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
ELVACET: Acetates, Polyvinyl—E I du Pont de Nemours & Co, Electrochem Dept
ELVANOL: Alcohols, Polyvinyl—E I du Pont de Nemours & Co, Electrochem Dept
EMARGOL: Mono-Diglycerides—Emulsol Corp
EMCOCID: Dyes, Acid—Edward Mendell Co
EMCOL: Active Agents, Surface—Edward Mendell Co
EMCOL: Products—Emulsol Corp
EMCOMINE: Dyes, Direct—Edward Mendell Co
EMCOSUL: Dyes, Sulfur—Edward Mendell Co
EMCOTATE: Dyes, Acetate—Edward Mendell Co
EMCOTHRENE: Dyes, Vat—Edward Mendell Co
EMERALDOL: Dyes, Acid—General Dyestuff Corp
EMERSOL: Acids, Fatty—Emery Industries
EMJEO: Magnesium Sulphate—Berkshire Chem
EMPIRE: Brick, Refractory—A P Green Fire Brick Co
EMPIRE: Products—Rockwell Mfg Co
EMPIRE: Traps, Steam—American District Steam Co
EMPIRE: Wheels—Hanson-Van Winkle-Munning Co
EMULGADE: Emulsifiers—Fallek Products Co
EMULLO: Lacquers, Emulsified—Kepec Chem Corp
EMULPHOGENE: Surface Active Agents (Non-Ionic)—General Dyestuff Corp
EMULPHOR: Surace Active Agents (Non-Ionic)—General Dyestuff Corp
EMULSARIN: Emulsifiers—S B Penick & Co
EMULSEPT: n(Acyl Calamino Formyl-Methyl) Pyridinium Chloride—Emulsol Corp
EMULSOBLACK: Carbon Black—Witco Chem Co
EMULSOL: Fat Liquors—Diamond Alkali Co
EMULSOL: Products—Emulsol Corp
EMUL-SOLV: Products—Nielco Chem
ENAMELOID: Enamels, Household—Sherwin-Williams Co
ENCO: Products—Engineer Co
ENCOLOID: Lecithin—Enco Chem Corp
ENDURO: Glue, Hide—Swift & Co
ENDURO: Hose & Tubing—Continental Rubber Works
ENDURO: Products—Florida Agricultural Supply Co Div
ENDURO: Steel, Stainless—Republic Steel Corp
ENTERPRISE: Products—Enterprise Engine & Machy Co
ENTHONE: Cleaners, Metal—Enthone Inc
ENTOLETER: Machines, Centrifugal—Entoleter Div
ENZINGER: Products—Enzinger Union Corp
EPCO: Systems, Traction—Engineering Products Co
EPIC: Greases, Lubricating—Esso Standard Oil Co
EPI-REZ: Resins—Jones-Dabney Co
EPI-TEX: Resins—Jones-Dabney Co
EPI-VAR: Varnishes—Jones-Dabney Co
EPON: Resins, Synthetic—Shell Chem Corp
EQUALISTIC BEARING: Products—Godfrey L Cabot
EQUALIZER: Valve Parts—Edward Valves
EQUISEAL: Stuffing Box Arrangements for Pumps—Allis-Chalmers Mfg Co
ERGANIL: Dyes, Leather—General Dyestuff Corp
ERIEZ: Products—Eriez Mfg Co
ERIFON: Flameproofing Compounds—E I du Pont de Nemours & Co, Pigments Dept
ERTRANE: Air-Entraining Agents, Cement—Nopco Chem Co
ERUSTICATOR: Removers, Rust—Pennsylvania Salt Mfg Co
ERUSTO: Dry Cleaning Products—Pennsylvania Salt Mfg Co
ERUSTOCETIC: Sours, Laundry—Pennsylvania Salt Mfg Co
ERUSTOLAX: Detergents, Laundry—Pennsylvania Salt Mfg Co
ERUSTOLIN: Sours, Laundry—Pennsylvania Salt Mfg Co
ERUSTOSOL: Sours, Laundry—Pennsylvania Salt Mfg Co
ESCALOL: Sunscreening Compounds—Van Dyk & Co
ESCAROM: Products—Edwin Seebach Co
ESCO: Products—Electric Steel Foundry Co
ESOTOO: Sulfur Dioxide, Liquid—Virginia Smelting Co
ESSAR: Products—Fred'k A Stresen-Reuter
ESSEX: Carbon Black—J M Huber Corp
ESSO: Products—Esso Standard Oil Co
ESSOTANE: Gas, Liquefied Petroleum—Esso Standard Oil Co
ESSOTEX: Oils, Emulsifiable—Esso Standard Oil Co
ESSTIC: Oil, Lubricating—Esso Standard Oil Co
ESTAWAX: Carnauba Replacements—Glycol Products Co
ESTERCIDE: Acid, 2,4 Dichloro-Phenoxyacetic—California Spray-Chem Corp
ESTERENE: Penetrants, Pine Oil, Soluble—Titan Chem Products
ESTERGEL: Scours, Solvent, Soluble—Titan Chem Products
ESTERON: Herbicides—Dow Chem Co
ESTERWET: Penetrators, Solvent, Soluble—Titan Chem Products
ESTEX: Inks—Scriptex Products Co
ESTOMITE: p-Chlorophenol p-Chlorobenzene Sulfonate—Eston Chem
ESTOMITE: Insecticides—American Potash & Chem Corp
ESTON: Products—American Potash & Chem Corp
ESTON: Products—Eston Chem
ESTONOX: Insecticides—American Potash & Chem Corp
ESTROL: Scours, Pine Oil, Soluble—Titan Chem Products
ETERNALURE: Finishes, Hosiery—Onyx Oil & Chem Co
ETERNIUM: Paints, Corrosion-Resistant—Barrett Div
ETHASAN: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
ETHAVAN: Flavoring & Aromatics—Monsanto Chem Co, Organic Chem Div
ETHAZATE: Accelerators for Rubber—Naugatuck Chem Div
ETHOCEL: Plastic, Ethylcellulose—Dow Chem Co
ETHOX: Plasticizers, Phthalate—Ohio-Apex Inc Div
ETHYL: Benzene Hexachloride (Technical) & Sodium (Metallic)—Ethyl Corp
ETHYL CHEMOSEPT: Products—Chemo Puro Mfg Corp
ETHYL TUEX: Accelerators for Rubber—Naugatuck Chem Div
ETON: Products—V & E Kohnstamm
EUCHRYSINE: Dyes, Basic—General Dyestuff Corp
EUCO: Products—Euclid Chem Co
EUKANOL: Dyes, Leather—General Dyestuff Corp
EUKESOL: Finishes, Leather—General Dyestuff Corp
EULAN: Mothproofing Agents—General Dyestuff Corp
EULAVA: Mothproofing Agents—General Dyestuff Corp
EULYSINE: Finishes, Textile—General Dyestuff Corp
EUNAPHTOL: Dispersing Agents, Textile—General Dyestuff Corp
EUREKA: Soldering Fluxes—E I du Pont de Nemours & Co, Grasselli Chem Dept
EUREKA OIL: Reducing Compounds (for Lithographic & Printing Inks)—Florasynth Labs
EUTANOL: Alcohol, Mixture, Fatty—Fallek Products Co
EVABRITE: Mirrors, Front Surface—Semon Bache & Co
EVALAST: Mirrors, Copper-Plated—Semon Bache & Co
EVALIZED: Plating Process—Edward Valves
EVALLOY: Steel, Stainless—Edward Valves
EVALPAK: Packing, Valve—Edward Valves
EVALTHRUST: Bushings, Yoke—Edward Valves
EVANACID 3CS: Acid, Carboxy Methyl Mercapto Succinic—Evans Chemetics
EVENIZED: Bark, Cascara—S B Penick & Co
EVERDUR: Alloys, Silicon, Copper—American Brass Co
EVERFAST: Cements—Howe & French
EVERGREEN: Sprays, Garden—McLaughlin Gormley King Co
EVERHOLD: Glue, Hide—Swift & Co
EVERJET: Paints, Corrosion-Resistant—Barrett Div
EXACT WEIGHT: Scales—Exact Weight Scale Co
EXAX: Glassware & Thermometers, Laboratory—Owens-Illinois Glass Co
EXCEL-SO: Separators, Filters, Tanks—Warner Lewis Co
EXCETIC: Products—Slater-Robbins Co
EXIDUST: Cleaners, Vacuum—Lamson Corp
EXOL: Fuel, Racing—Experimet Inc

EXOLON: Aluminum Oxide & Abrasives, Aluminum Oxide —Exolon Co
EXOLVENT: Thinners, Paint—Sherwin-Williams Co
EXON: Resins, Vinyl—Firestone Plastics Div
EX-O-WAX: Emulsifiers, Paraffin Wax—Nopco Chem Co
EXPANDER STRAP: Products—A J Gerrard & Co
EXPELSOR: Ejectors, Pneumatic Sewage—Yeomans Bros Co
EXPLOSIMETER: Detectors, Gas, Portable—Mine Safety Appliances Co
EXPULSION PORT: Arc Depotentiators for Circuit Breakers—Allis-Chalmers Mfg Co
EXSOLEX: Solvent Extraction—V D Anderson Co
EXTENDOVEYOR: Conveyors, Portable Belt—Standard Conveyor Co
EXTRA STRENGTH: Pipe, Culvert—Robinson Clay Product Co
EXTRUDICOTE: Materials, Phosphate Coating—Detrex Corp
EXTRUDILUBE: Materials, Lubricating—Detrex Corp
EZY WATERLESS: Cleaners—Uncle Sam Chem Co

F

F-66: Cements, Acid-Proof—Nukem Products Corp
FA: Alcohol, Furfuryl—Quaker Oats Co, Chem Dept
FE SPECIAL: Carbon Black—United Carbon Co
FF: Pipe Fittings, Iron—Stanley G Flagg & Co
F-H AIRSLIDE: Conveyors, Pulverized Material—Fuller Co
F N A: Glue, Animal (Non-Warp)—Paisley Products
FND: Oils, Fur Dressing—Siegel Chem Co
FRC: Fire Brick—Robinson Clay Product Co
FT: Wax, Synthetic, Extra Hard—Dura Commodities Corp
FAB: Detergents—Colgate-Palmolive-Peet Co
FABREZ: Resins, Textile—Reichhold Chem
FADEOMETER: Products—Atlas Elec Devices Co
FAIRMOUNT: Crushers, Anvil—Allis-Chalmers Mfg Co
FAIRPRENE: Cements, Industrial, Synthetic Rubber—E I du Pont de Nemours & Co, Finishes Dept
FAIRWAY: Products—Standard Safety Equipment Co
FALCO: Dyestuffs—Fallek Products Co
FALCONAL: Wetting Agents—Fallek Products Co
FALCONOL: Wetting Agents—Fallek Products Co
FALCOPON: Detergents—Fallek Products Co
FALCOSEPT: Preservatives—Fallek Products Co
FALKENE: Oil, Sulfonated Cod—Falk & Co
FALKIDINE: Oils, Fish—Falk & Co
FALKOLIN: Oil, Linseed—Falk & Co
FALKORE: Oil, Tall—Falk & Co
FALKOTE: Gums, Ester—Falk & Co
FALKOVAR: Oils, Fish—Falk & Co
FALKOWOOD: Oils, Ink—Falk & Co
FALKYD: Resins, Alkyd—Falk & Co
FANAL: Pigments—General Dyestuff Corp
FANMIX: Burners, Gas—Coopus Engrg Corp
FANOX: Oils, Metal-Cutting—Esso Standard Oil Co
FARILUN: Finishes, Textile—National Starch Products
FARMDAIRY: Cleansers, Non-Caustic—Solvay Process Div
FARVAL: Lubrication—Farval Corp
FASTACK: Glue, Cake Form (Fast Setting)—Paisley Products
FASTBACK: Hoe Dippers, Electric Steel Foundry Co
FASTBLAST: Aluminum Oxide—Exolon Co
FAST-FLO: Pumps, Air Operated, Drum Transfer—Gray Co
FASTICK: Powder, Paste, Cold Water—Paisley Products
FAS-TIN-FLUX: Fluxes—Hanson-Van Winkle-Munning Co
FAST'S SELF-ALIGNING Couplings—Koppers Co
FASTUSOL: Dyes, Direct—General Dyestuff Corp
FAXFILM SURFACE COMPARATOR: Instruments, Testing—Brush Development Co
FEATHER SPEC: Goggles—Willson Products
FEBIS: Oils, Form—Esso Standard Oil Co
FED-STAN: Products—D T Williams Valve Co Div
FEEDOWEIGHT: Feeders, Constant Weight—Merrick Scale Mfg Co
FEEDRATOR: Feeders, Chemical—Fischer & Porter Co
FEinc: Filters, Vacuum, Continuous Rotary—Filtration Engrs
FELTOSCOUR: Scouring Compounds, Textile—General Dyestuff Corp
FELTRON: Finishes, Textile—General Dyestuff Corp
FENSO: Oil, Quenching—Esso Standard Oil Co
FEON: Filter Cloth, Synthetic Fiber—Filtration Engrs
FERBERK: Dithiocarbamates—F W Berk & Co
FERBERK: Ferric Dimethyldithiocarbamate—Berkshire Chem
FERDICO: Cements, Canvas—L W Ferdinand & Co
FERDISEAL: Glue, Marine—L W Ferdinand & Co
FERMATE: Fungicides, Ferban—E I du Pont de Nemours & Co, Grasselli Chem Dept
FERMEX: Enzymes, Baking Supplement—Wallerstein Co
FERMOCIDE: Fungicides—Miller Products Co
FEROCATOR: Sours, Laundry—Pennsylvania Salt Mfg Co
FERRADOW: Fungicides—Dow Chem Co
FERRENEWO: Valves, Glove, Angle & Check—Lunkenheimer Co
FERRICLEAR: Ferric Sulphate—Stauffer Chem Co
FERRO: Fluxes for Welding Cast Iron—Linde Air Products Co Div
FERR-O-FEEDER: Pumps, Diaphragm—% Proportioneers Inc %
FERROLASTIC: Products—McDougall Butler Co
FERROLUM: Steel, Lead Clad—Knapp Mills
FERR-O-NIEL: Surface Conditioners, Acid (Ferrous Metal)—Nielco Chem
FERR-O-PHOS: Products—Nielco Chem
FERROX: Cleaners, Metal Surface—F M Speekman Co
FERROX: Iron Oxide—Witco Chem Co
FERTMINAL: Products—Florida Agricultural Supply Co Div
FHLORESS: Inks—Fred'k H Levey
FIBA WELD: Finishes, Textile—Onyx Oil & Chem Co
FIBERPAK: Drums, Fibre—Continental Can Co
FIBERSIZE: Starches, Paper—National Starch Products
FIBESTOS: Cellulose Acetate—Monsanto Chem Co, Plastics Div
FIBRIT: Solvents, Dye—General Dyestuff Corp
FILABOND: Sizes, Warp Synthetic Fiber (Protein Base) —Colloids Inc
FILLMASTER: Filling Machines, Volumetric—Counsel Mach Co
FILMCOL: Solvents—Lac Chem
FILMRITE: Cleaners, Film—Rosco Labs
FILPACO: Products—Filter Paper Co
FILPRO: Filters, Stills—United States Hoffman Machy Corp
FILTER: Bags, Anode—Hanson-Van Winkle-Munning Co
FILTER-CEL: Filter Aids—Johns-Manville
FILTRATOR: Instruments, Testing—Fisher Scientific Co
FILTROL: Adsorbents, Clays, Fuller's Earth, etc—Filtrol Corp
FINEMIX: Gelatin, Edible—Swift & Co
FINE-TEX: Acid, Baking—Victor Chem Works
FINGER STRAPPING: Products—A J Gerrard & Co
FINNALINE: Finishes, Dry—Kopec Chem Corp
FIREBLOK: Brick, Refractory—Johns-Manville
80 FIREBRICK: Refractories—Babcock & Wilcox Co
FIRE-CHEX: Roofing—Philip Carey Mfg Co
FIRE-GUARD: Insulating—Philip Carey Mfg Co
FIRE-GUN: Extinguishers, Fire—American-LaFrance-Foamite Corp
FITZ: Grinders, Mill—W J Fitzpatrick Co
FIXAPRET: Finishes, Textile—General Dyestuff Corp
FLAMORT: Retardants, Fire—Flamort Chem Co
FLARE HYDRAULIC: Brake Compounds—Bell Co
FLASH: Soaps & Polishes—Flash Chem Co
FLASH: Systems, Drying—Raymond Pulverizer Div
FLASHDRI: Inks—Fred'k H Levey Co
FLASHSET: Inks—Fred'k H Levey Co
FLATACK: Glue, Non-Warp (Cake Form)—Paisley Products
FLATJET: Nozzles, Spray—Spraying Systems Co
FLAT-RITE: Undercoaters, Enamel, Interior—Sherwin-Williams Co
FLAT-TONE: Paints, Wall, Flat—Sherwin-Williams Co
FLATWORK: Glue, Non-Warp—Swift & Co
FLATWRAP: Glues for Set-Up Boxes—Paisley Products
FLAVAZINE: Dyes, Acid—General Dyestuff Corp
FLAVOPHOSPHINE: Dyes, Basic—General Dyestuff Corp
FLAVORS OF TOMORROW: Flavorings—Florasynth Labs
FLAXOAP: Soap, Oil, Linseed—Sherwin-Williams Co
FLECTOL: Anti-Oxidants, H Rubber—Monsanto Chem Co, Organic Chem Div
FLEISCHMANN'S: Yeast—Standard Brands, Special Products Div
FLESHEASE: Penetrants, Fur Dressing—Siegel Chem Co
FLEX: Fittings—Imperial Brass Mfg Co
FLEX-A-FOAM: Filter Masks—Goggle Parts Co
FLEXAFRAME: Supports—Fisher Scientific Co
FLEXALYN: Resins—Hercules Powder Co
FLEXAMINE: Antioxidants for Rubber—Naugatuck Chem Div
FLEXBOND: Adhesives—Colton Chem Co
FLEXCEL: Bottles, Plastic—Imco Container Corp
FLEXCO: Products—Flexible Steel Lacing Co
FLEXCO HINGED: Products—Flexible Steel Lacing Co
FLEXFLAT: Glue, Flexible (Cake Form)—Paisley Products
FLEXFO: Pumps, Sanitary—Cherry-Burrell Corp
FLEXI: Bags, Carton—Bemis Bro Bag Co
FLEXIFLAT: Paste, Non-Warp—Paisley Products
FLEXIGUM: Coatings, Roof—Barrett Div
FLEX-I-LINER: Pumps—Vanton Pump Corp
FLEXIPLY: Bags—Bemis Bro Bag Co
FLEXISEAL: Caulking Compounds—Landen Putty Works
FLEXLAB: Laboratory Equipment—Standard Elec Time Co
FLEXMOUNT: Oscilling Conveyor—Link-Belt Co
FLEXOID: Conditioners, Water—Flexoid Products
FLEXOL: Plasticizers—Carbide & Carbon Chem Co Div
FLEXON: Products—Flexonics Corp
FLEX-O-TIMER: Controllers, Time Cycle—Taylor Instrument Cos
FLEXOVEYOR: Loaders, Conveyors & Flatteners—Flexoveyor Mfg Co
FLEXOWAX: Waxes, Amorphous—Glyco Products Co
FLEXPAD: Glue, Padding, Flexible—National Starch Products
FLEXRICIN: Derivatives, Castor Oil—Baker Castor Oil Co
FLEXROLL: Crushers—Jeffrey Mfg Co
FLEXSOL: Conditioners, Oil, Combustion—Flexoid Products
FLEXSPOUT: Closures, Flexible—Rieke Metal Products
FLEXTACK: Glue, Flexible (Cake Form)—Paisley Products
FLEXTOOTH: Crushers—Jeffrey Mfg Co
FLEX-TUBE: Evaporators—Alco Products Div
FLEX V: Products—Flexible Steel Lacing Co
FLINT-BOND: Mortar, Bonding, High Temperature—Robinson Clay Product Co
FLINT-CAST: Refractories, Castable, Hydraulic Setting —Robinson Clay Product Co
FLINTEX: Fire Brick—Robinson Clay Product Co
FLINT-PATCH: Fire Brick, Plastic—Robinson Clay Product Co
FLOATEX: Foundry Shakeout—Hewitt-Robins
FLOATROL: Controls, Liquid Level—Automatic Control Co
FLO-CILLIN 96: Procaine Penicillin G—Bristol Labs
FLOCTROL: Equipment, Flocculation (Controlled Mixing) —Jeffrey Mfg Co
FLO-KLEAN: Filters—Cuno Engrg Corp
FLOKOLD: Refrigerating Equipment—Podbielniak, Inc
FLO-LAC: Varnishes & Stains—Sherwin-Williams Co
FLOMINE: Amyl Cinnamic Aldehyde—van Ameringen-Haebler
FLOMIX: Products—New England Tank & Tower Co
FLOMIXERS: Mixers, Gas, Air—Bryant Industrial Div
FLOORMASTER: Products—Lewis-Shepard Products
FLOOR-SAN: Cleaners, Floor—Huntington Labs
FLOOR-VEYOR: Products—Rapids-Standard Co
FLORASYNTH: Products—Florasynth Labs
FLORATOX: Weed Killers—Associated Sales & Supply Co
FLOREX: Fuller's Earth—Floridin Co
FLORIGEL: Fuller's Earth—Floridin Co
FLORISIL: Adsorbents, Synthetic—Floridin Co
FLORITE: Bauxite—Floridin Co
FLO-SCOPE: Products—Selas Corp of America
FLOSITE: Sights, Flow—Podbielniak, Inc
FLOTOMETER: Rotameters—Podbielniak, Inc
FLO-WATCH: Products—Builders-Providence
FLOW-COLD: Chillers, Liquid—Acme Industries, Dept CWG
FLOWLINE: Products—Welding Fittings Corp
FLOWMASTER: Filters, Cartridge, Full Flow—United States Hoffman Machy Corp
FLOWRATOR: Meters, Flow—Fischer & Porter Co
FLOW-TEMP: Products—Acme Industries, Dept CWG
FLOW TUBE: Products—Foster Engrg Co
FLUID SYSTEMS: Products—Fluid Systems
FLUOROFLEX: Products, Fluorocarbon—Resistoflex Corp
FLUOROL: Dyes, Fluorescent—General Dyestuff Corp
FLUOROLUBE: Lubricants, Halocarbon—Hooker Electrochem Co
FLUSH-KLEEN: Pumps, Sewage—Chicago Pump Co
FLY-FOIL: Insecticides—An-Fo Mfg Co
FLYROCIDE: Insecticides—Miller Products Co
FOAMEX: Compounds, Anti-Foaming—Glyco Products Co
FOAMGLAS: Insulation, Cellular Glass—Pittsburgh Corning Corp
FOAMITE: Extinguishers, Fire—American-LaFrance-Foamite Corp
FOAMITE AIRFOAM SOLUTION: Chemicals, Fire Extinguishing—American-LaFrance-Foamite Corp
FOGJET: Nozzles, Spray—Spraying Systems Co
FOLIAFUME: Insecticides, Plant Spray—S B Penick & Co
FORAMBA: Sprays, Insect & Liquids, Moth—Uncle Sam Chem Co
FORASITE: Glues, Resins—Reichhold Chem
FORBAN: Bases, Perfume, Cologne, Essence & Aromatic Chemicals—Florasynth Labs
FORCE-FLO: Heating Units—Trane Co
FOREMUL: Emulsifiers—Jacques Wolf & Co
FORMALIN: Formaldehyde—Monsanto Chem Co, Plastics Div
FORMCEL: Formaldehyde-Alcohol Solutions—Celanese Corp of America
FORMET: Anti-Corrosion Agents—Perolin Co
FORMOPON: Sodium Sulfoxylate Formaldehyde—Rohm & Haas Co
FORMVAR: Polyvinyl Formal—Shawinigan Products Corp
FORTRESS: Carbon Black—United Carbon Co
FORUM: Oil, Process—Esso Standard Oil Co
FOSCOAT: Lubricants, Extreme Pressure—Pennsylvania Salt Mfg Co
FOSECO: Fluxes—Foundry Services
FOSKLOR: Active Agent is Sodium Hypochlorite—Westvaco Chem Div
FOSLUBE: Lubricants, Extreme Pressure—Pennsylvania Salt Mfg Co
FOSSILITE: Infusorial Earth—L A Salomon & Bro
FOSTER: Valves, Safety and Automatic—Foster Engrg Co
FOSTORIA EVENRAY: Products—Fostoria Pressed Steel Corp
FOSTORIA INFRA-RED: Products—Fostoria Pressed Steel Corp
FOSVEX: Tetraethyl Pyrophosphate, 40% (Insecticides)—Westvaco Chem Div
FOTOCOL: Solvents, Proprietary—Commercial Solvents Corp
FOUNDREZ: Resins, Foundry—Reichhold Chem
FOUNDROMATIC: Shakeouts, Foundry & Driers, Dielectric Core—Allis-Chalmers Mfg Co
FOUR LEAF POWDERED ROCK PHOSPHATE: Phosphate Rock—International Minerals & Chem Corp, Phosphate Div
FOXBORO: Products—Foxboro Co
FRACTIONEER: Fractionators—Podbielniak, Inc
FRAHM: Meters, Frequency & Tachometers—James G Biddle Co
FRANCOIS: Cooking Ware, Fireproof—Robinson Clay Product Co
FRANK: Products—Safety Clothing & Equipment Co
FRANKLIN: Glue, Hide—Franklin Glue Co
FREAS: Ovens, Laboratory—Precision Scientific Co
FREE-VANE: Controllers, Air-Operated & Electric—Bristol Co
FREFLO: Sulphur—Miller Products Co
FREON: Hydrocarbon Refrigerants & Propellents, Fluorinated—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON: Refrigerants—Hill Bros Chem Co
FREON-11: Trichloromonofluoromethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON-12: Dichlorodifluoromethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON-21: Dichloromonofluoromethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON-22: Monochlorodifluoromethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON-113: Trichlorotrifluoroethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREON-114: Dichlorotetrafluoroethane—E I du Pont de Nemours & Co, Kinetic Chem Div
FREZALL: Carbon Dioxide—Spencer Chem Co
FRIGID-BLAST: Freezing Systems—Vilter Mfg Co
FRIGIDAIRE: Refrigerators—General Motors Corp
FRIGIDOL: Oils, Cutting, Sulfurized—G Whitfield Richards
FRITZBRO: Specialties—Fritzsche Bros
FROG: Products—H M Sawyer & Sons Co
FROG-LEG: Windings—Allis-Chalmers Mfg Co
FRONTIER: Products—Riverside Chem Co

FROST ETCH: Fluid, Ground Glass—Rosco Labs
FROSTONE: Products—Claremont Pigment Dispersion Corp
FROSTY PINE: Dinnerware, Free-Form Functional—Robinson Clay Product Co
FRUITOSYNTH: Flavorings, Artificial—Florasynth Labs
FRUTAL: Products—Polak's Frutal Works
FUELFLEX: Conditioners, Oil, Combustion—Flexoid Products
FUGITINT: Dyes, Tinting—General Dyestuff Corp
FULDETH: Insecticides—Fuld Bros
FULDICIDE: Disinfectants—Fuld Bros
FUL-DRI: Fuller's Earth—Caldwell Chem Co
FULFLO: Filters—Commercial Filters Corp
FULLER: Indicators, Pumps Coolers & Valves—Fuller Co
FULL-FILL: Fillers, Wood—V J Dolan & Co
FULLITONE: Soaps, Scouring & Fulling—Titan Chem Products
FULLJET: Nozzles, Spray—Spraying Systems Co
FULL VISION: Masks, Gas—Acme Protection Equipment Co
FULSCOPE: Controllers, Automatic—Taylor Instrument Cos
FULSHINE: Cleaners—Fuld Bros
FULTORK: Stirrers—Fisher Scientific Co
FUL-VUE: Goggles, Safety—American Optical Co
FUM-AROMAS: Incense—S B Penick & Co
FUME ALL: Fabrics, Filter—Portland Woolen Mills
FUMIGRAIN: Insecticides—Miller Products Co
FUMILENE: Insecticides—Miller Products Co
FUMISEED: Insecticides—Miller Products Co
FUMISPRA: Insecticides—Miller Products Co
FUMITOX: Insecticides—Miller Products Co
FUNGCHEX: Fungicides, Turf—F W Berk & Co
FUNGCHEX: Fungicides, Turf—Berkshire Chem
FUNGUZYME: Base—Jacques Wolf & Co
FURAFIL: Furfural By-Products—Quaker Oats Co, Chem Dept
FUR-AG: Fertilizer Conditioners—Quaker Oats Co, Chem Dept
FURASOL: Dyes, Fur—General Dyestuff Corp
FUR GLAZE A: Glazes for Dyeing & Dressings, Fur—Siegel Chem Co
FURNANE: Cements, Acid-Alkali-Solvent Proof—Atlas Mineral Products Co
FUR-SAN: Cleaners, Fur—Huntington Labs
FYREX: Flameproofing Compounds—Victor Chem Works

G

G-20: Brick, Insulating—A P Green Fire Brick Co
G-23: Brick, Insulating—A P Green Fire Brick Co
G-26: Brick, Insulating—A P Green Fire Brick Co
GB: Products—Goldsmith Bros Smelting & Refining Co
GBS: Soda, Bisulfate, Globular—E I du Pont de Nemours & Co, Grasselli Chem Dept
G C: Chemicals, Industrial—General Chem Div
GC: Products—General Controls Co
G-E: Products—General Elec Co
GK: Joint Compounds—Robinson Clay Product Co
GK: Pipe Joint Compounds, Sewer—Atlas Mineral Products Co
GMF: Accelerator Activators for Rubber—Naugatuck Chem Div
GALACTASOL: Gum, Guar—General Mills, Special Commodities Div
GALEX: Resins—National Rosin Oil Products
GALLICIDE: Preventives, Slime—Gallowhur Chem Corp
GALV-A-NIEL: Cleaners, Acid (Zinc Coated Metal)—Nieico Chem
#20 GALVANIZING: Fluxes—Hanson-Van Winkle-Munning Co
GALVITE: Primers, Iron, Galvanized—Sherwin-Williams Co
GALVO-LINE: Anodes, Galvanic—Dow Chem Co
GALVOPAK: Anodes, Galvanic—Dow Chem Co
GALVOTINE: Anodes, Galvanic—Dow Chem Co
GAMADUSTO: Insecticides—Miller Products Co
GAMASPRA: Insecticides—Miller Products Co
GAMATEK: Meters, Radiation—Consolidated Engrg Corp
GAMMACIDE: Benzene Hexachloride & DDT—California Spray-Chem Corp
GAMMANOL: Sulphonate, Petroleum—Griffin Chem Co
GAMTOX: BHC—California Spray-Chem Co
GARDANTHROL: Aromatics, Synthetic—Dow Chem Co
GARDEN: Fungicides & Insecticides—Miller Products Co
GARDEN SUMERO: Insecticides—Miller Products Co
GARDSMAN: Controllers, Pyrometer—Taco West Corp
GARDUSTO: Insecticides—Miller Products Co
GARDWELL: Products—Safety Clothing & Equipment Co
GARLOCK: Packing—Garlock Packing Co
GASMACO: Products—Gas Machy Co
GASTEX: Furnace Black—Godfrey L Cabot
GASWELD: Gases, Welding—Liquid Carbonic Corp
GATES: Crushers, Feeders & Screens—Allis-Chalmers Mfg Co
GAYCO: Products—Universal Rd Machy Co
GEARY: Feeders, Liquid—Galigher Co
GEARY-JENNINGS: Samplers, Automatic—Galigher Co
GELCARIN: Products—Algin Corp of America
GELLOID: Calcium, Sulphate, Carrageen—Jacques Wolf & Co
GELTINE: Gelatine Flavors—H Kohnstamm & Co
GELVA: Polyvinyl Acetate—Shawinigan Products Corp
GELVA C3 + GELVA C7: Polyvinyl Acetates, Modified—Shawinigan Products Corp
GELVATEX: Paints, Emulsion, Polyvinyl Acetate—Gelvatex Coatings Corp
GELVATOL: Alcohol, Polyvinyl—Shawinigan Products Corp
GEM: Cups, Grease—Lunkenheimer Co
GENDYCO: Dyes, Azo—General Dyestuff Corp
GENERALIME: Compositions—Hanson-Van Winkle-Munning Co
GENERAL MILLS: Resins, Polyamide & Acids, Soap—General Mills, Chem Div
GENERAL QUICK-AID: Extinguishers, Fire—General Detroit Corp
GENESCOPE: Products—Simpson Elec Co
GENETRON: Dispersants, Aerosol & Fluorine Compounds, Organic—General Chem Div
GENMAG: Magnesium Oxide—General Magnesite & Magnesia Co
GEON: Polyvinyl Materials—B F Goodrich Chem Co
GEORGE: Trucks, Tote Box Roller—Rolock, Inc
GERANOL: Dyes, Acid—General Dyestuff Corp
GERMALL: Disinfectants, Coal-Tar—Uncle Sam Chem Co
GERMITOL: Dimethyl Benzyl Lauryl Ammonium Chloride—Fine Organics
GIANT: Valves, Lever Operated—William Powell Co
GILBARCO: Products—Gilbert & Barker Mfg Co
GILSOGUM: Fire-Proofing—Emil Klemm Co
GILT EDGE: Beltings—J E Rhodes & Sons
GLADE: Oils—Cities Service Petroleum
GLAMORTEX: Paints, Oil-Proof & Structural—Inertol Co
GLASCOTE: Equipment, Glass-Lined & Alloy Processing—Glascote Products
GLASSCLEEN: Products—Rosco Labs
GLAURIN: Plasticizers, Nitrocellulose—Glyco Products Co
GLENLAB: Products—Glass Engrg Labs
GLIDE-EZE: Wax, Shuffleboard—Uncle Sam Chem Co
GLITSCH: Products—Fritz W Glitsch & Sons
GLOBEIRON: Tubing, Alloy, Corrosion-Resistant—Globe Steel Tubes Co
GLO BRITE: Cleaners, Glass & Window—Peerless Chem Co
GLO-BRITE: Polishing Compounds—B R Elk & Co
GLO-N-GLO: Paints, Fluorescent—Canadian Radium & Uranium Corp
GLOSSET: Inks—Fred'k H Levey Co
GLOSSTONE: Products—Claremont Pigment Dispersion Corp
GLOWELD: Tubing, Welded Stainless Steel—Globe Steel Tubes Co
GLU-ALL: Glue, Animal, Liquid—Swift & Co
GLU-BEEDS: Adhesives—Burtonite Co
GLU-BOND: Adhesives, Synthetic Resin—Swift & Co
GLUCATERGE: Detergents, Non-Ionic—Commercial Solvents Corp
GLUMASTER: Glue, Non-Warp—Swift & Co
GLYCERYL MONOCOCATE: Products—Colgate-Palmolive-Peet Co
GLYCOWAX: Waxes, Synthetic—Glyco Products Co
GLYDAG: Products—Acheson Colloids Co Div
GLYECINE: Solvents, Dyes—General Dyestuff Corp
GLYPTAL: Resins, Alkyd—General Elec, Chem Div
GOGETTER: Trucks, Electric—Revolvator Co
GOLD BEAR: Insecticides, Herbicides & Fungicides—Swift & Co
GOLD BOND: Products—National Gypsum Co
GOLD BOND: Sodas, Caustic & Laundry—Diamond Alkali Co
GOLD MEDAL: Tape, Gummed—Gilman Paper Co
GOLD MEDAL: Powder & Flakes—Swift & Co
GOLDEN BLEACH: Sulphur—Miller Products Co
GOLDEN ROCK: Sulphur, Refined Lump—Stauffer Chem Co
GOODITE: Pipe, Flexible, Rubber—Goodall Rubber Co
GOOD-RITE: Chemicals—B F Goodrich Chem Co
GOOSE LAKE: Clays, Fire & Fire Brick—Illinois Clay Products Co
GOTHAM: Products—Gotham Instruments Div
GRAB-IT: Gloves—Edmont Mfg Co
GRACO: Products—Gray Co
GRADIATION: Products—Selas Corp of America
GRANODINE: Coatings—American Chem Paint Co
GRAPHALLOY: Products—Graphite Metallizing Corp
GRAPHIC RED: Colors, Dry, Lithol Red—Sherwin-Williams Co
GRAPHOL: Monomethyl p-Amino Phenol Sulfate—Philip A Hunt Co
GRAPH-O-LITH: Developers, Photographic—Philip A Hunt Co
GRAPH-O-STAT: Developers, Photographic—Philip A Hunt Co
GRAPOSYNTH: Flavoring Compounds, Artificial—Florasynth Labs
GRASSTEX: Asphalt Composition—American Bitumuls & Asphalt Co
GRAVER: Tanks, Roof, Expansion—Graver Tank & Mfg Co
GRAVERET: Clarifiers, Sugar—Graver Tank & Mfg Co
GRAVER VAPOR-MIZER: Tanks, Storage—Graver Tank & Mfg Co
GRAYCO: Alcohol, Anti-Freeze—William S Gray & Co
GRAYCOTE: Thread Compounds—Chicago Gasket Co
GRAYSOL: Solvents, Anti-Freeze—William S Gray & Co
GREASEPTOR: Products—J A Zurn Mfg Co
GREASOL: Products—Patent Chem
GREEN BAND: Sours, Laundry—Ecclestone Chem Co
GREEN LABEL: Cleansers, Non-Caustic—Solvay Process Div
GREY-ROCK: Materials, Friction—Raybestos-Manhattan Inc
GRID: Heaters, Coils & Radiation—D J Murray Mfg Co
GRIMETER: Soaps—United States Sanitary Specialties Corp
GRIMEX: Cleaners, Alkaline—United States Sanitary Specialties Corp
GRIND-WELL: Grinding Compounds—G Whitfield Richards
GRINNELL (G): Fittings—Grinnell Co
GRINNELL-SAUNDERS: Valves, Diaphragm—Grinnell Co
GRIPCLAD: Finishes, Chemical-Resistant—Sherwin-Williams Co
GRIPTEX: Coatings, Rubber—Adhesive Products Corp
GRIP-TIGHT: Paste, Label—Paisley Products
GRIPTITE: Glue, Bone, Ground—Swift & Co
GRIZZLY-KING: Crushers, Jaw—Lippmann Engrg Works
GUANTAL: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
GUARDIAN: Gaskets—Garlock Packing Co
GUARDSMAN: Finishes, Alcohol-Resistant—Grand Rapids Varnish Corp
GUARTEC: Gum, Guar—General Mills, Special Commodities Div
GUINEA: Dyes, Acid—General Dyestuff Corp
GULF ELECTRO: Oils, Cutting—Gulf Oil Corp, Gulf Refining Co
GULF HARMONY: Oils, Hydraulic—Gulf Oil Corp, Gulf Refining Co
GULF NO-RUST: Rustproofing—Gulf Oil Corp, Gulf Refining Co
GULF PETROWAX: Waxes—Gulf Oil Corp, Gulf Refining Co
GULF PRECISION: Greases—Gulf Oil Corp, Gulf Refining Co
GULFPRIDE: Oil, Motor—Gulf Oil Corp, Gulf Refining Co
GULFSPRAY: Insecticides—Gulf Oil Corp, Gulf Refining Co
GULF STODDARD: Solvents—Gulf Oil Corp, Gulf Refining Co
GULF SUPER-QUENCH 70: Oils, Quenching—Gulf Oil Corp, Gulf Refining Co
GUMAFOAM: Finishes, Textile—Onyx Oil & Chem Co
GUMINOL: Finishes, Textile—Standard Chem Products
GUMOFF: Cleaners, Gum—Rosco Labs
GUMP: Sifters—B F Gump Co
GUNK: Solvents, Self-Emulsifying & Self-Scouring—Curran Corp
GYCO: Jackets, Heating—Scientific Glass Apparatus Co
GYNESTROL: Estrogenic Substances—S B Penick & Co
GYREX: Screens, Vibrating—Hewitt-Robins
GYROSOLVER: Instruments, Testing—Fisher Scientific Co

H

H TYPE: Heaters, Unit, Blower—McQuay, Inc
HB-40: Plasticizers, Resin—Monsanto Chem Co, Phosphate Div
9-H COBALT: Plating Processes—Hanson-Van Winkle-Munning Co
H-D: Products—Hammel—Dahl Co
H & D: Products—Hinde & Dauch Paper Co
HF: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
HFK: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
H G I: Lindane—Hooker Electrochem Co
H G X: Decontaminants, Mercury—William M Stieh & Co
HH TYPE: Heaters, Unit, Horizontals—McQuay, Inc
HI-eF: Products—V D Anderson Co
H K INDUSTRIAL DETERGENT: Alkali, Industrial—H Kohnstamm & Co
H L EMERY: Lubricants—Hanson-Van Winkle-Munning Co
HLP: Alarms, Liquid Level—Automatic Control Co
H S R: Resins, Synthetic—Hartman-Leddon Co
HT: Alkyl Dimethyl Ethyl Ammonium Bromide, Higher—Fine Organics
HT-44: Desizing Agents—Takamine Lab
HTH: Bleaching & Sanitizing Agents—Mathieson Chem Corp
H & VW: Emery—Hanson-Van Winkle-Munning Co
HW SOAKER ALKALI: Cleaners, Bottle—Diamond Alkali Co
HACKNEY: Products—Pressed Steel Tank Co
HAEUSER'S: Shellacs—Haeuser Shellac Co
HAGAN: Controls—Hagan Corp
HALLCO: Products—C P Hall Co
HALO: Faceshields—United States Safety Service Co
HALOWAX: Napthalenes, Chlorinated—Bakelite Co
HAMMETER: Products—Simpson Elec Co
HAMMOND BETTERBAGS: Products—Hammond Bag & Paper Co
HAMONDTANK: Tanks, Steel—Hammond Iron Works
HAMPDEN: Products—Hampden Color & Chem Co
HANCOCK: Valves—Manning, Maxwell & Moore
HANDIBELT: Conveyors, Portable Belt—Standard Conveyor Co
HANDIDRIVE: Conveyor Units—Standard Conveyor Co
HANDI-HOT: Plates, Electric—Precision Scientific Co
HANDY: Valves, Gate—Lunkenheimer Co
HANDY-FLUX: Products for Silver Alloy Brazing—Handy & Harman
HANDY-HANDLER: Conveyors, Portable—Belt Corp
HANNA: Cylinders & Valves—Hanna Engrg Works
HANSA: Pigments—General Dyestuff Corp
HARCHEM: Products—Hardesty Chem Co
HARD BOILED: Hats—E D Bullard Co
HARDCOTE: Varnishes, Enamels—McDougall-Butler Co
HARDNOX ALKALI: Cleaners, Bottle—Diamond Alkali Co
HARFLEX: Plasticizers—Hardesty Chem Co
HARLECO: Chemicals Analytical Reagent—Hartman-Leddon Co
HARMON COLORS: Products—B F Goodrich Chem Co
HARPER EVERLASTING: Fastenings—H M Harper Co
HARRISON: Abrasives—Metals Disintegrating Co
HARRISON: Products—Harrison Radiator Div
HARTOZAN: Alcohols, Wool Wax—Croda Inc
HARVEL: Varnishes, Insulating—Irvington Varnish & Insulator Co
HASCROME: Rods for Electric Welding—Linde Air Products Co Div
HASTELLOY: Rods, Welding—Linde Air Products Co Div
HAUCK: Burners—Hauck Mfg Co
HAYNES STELLITE: Rods, Hard-Facing—Linde Air Products Co Div
HEATBATH: Salts, Heat Treating—Heatbath Corp
HEATCOTE: Paints, Heat-Resistant—Debevoise Co
HEAT KILLER: Fans, Cooling—Coppus Engrg Corp
HEAVY DUTY: Products—Diversey Corp

HEILEX: Linings, Acid or Alkali Resisting—Heil Process Equipment Corp
HEILMAN: Products—Heilman Boiler Works
HEIL SAWTOOTH: Anodes, Lead—Heil Process Equipment Corp
HELIARC: Apparatus, Arc-Welding, Gas-Shielded—Linde Air Products Co Div
HELI-CAL: Laboratory Distilling Apparatus—Podbielniak, Inc
HELI-GRID: Laboratory Column Packing—Podbielniak, Inc
HELINDON: Dyes, Vat—General Dyestuff Corp
HELIO: Color Lakes—General Dyestuff Corp
HELIOGEN: Pigments—General Dyestuff Corp
HELIOLINE: Oil, Red, Vegetable—Woburn Chem Corp
HELIOZONE: Inhibitors, Sun Checking (for Rubber)—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
HELI-PAK: Laboratory Column Packing—Podbielniak, Inc
HELI-TRONIC: Gas Analyzers—Podbielniak, Inc
HELMERCO: Dyes, Basic—Calco Chem Div
HENDRICK GRILLES: Products—Hendrick Mfg Co
HEPTEEN: Accelerators for Rubber—Naugatuck Chem Div
HEPTEEN BASE: Accelerators for Rubber—Naugatuck Chem Div
HEPTODUSTO: Insecticides—Miller Products Co
HEPTOSPRA: Insecticides—Miller Products Co
HEPTYLLYS: Amyl Cinnamic Aldehyde—Naugatuck Aromatics
HERCOCEL A: Powders, Molding, Acetate—Hercules Powder Co
HERCOCEL E: Powders, Molding, Ethyl Cellulose—Hercules Powder Co
HERCOFLEX: Plasticizers—Hercules Powder Co
HERCOLYN: Esters, Rosin—Hercules Powder Co
HERCOSE: Esters & Ethers, Cellulose—Hercules Powder Co
HERCULES: Carboys, Glass—National Box & Lumber Co
HERCULES: Glue, Hide—Swift & Co
HERCULES: Inks, Marking—H Kohnstamm & Co
HERMATITE: Glue, Animal, Liquid—Swift & Co
HERTOLAN: Assistants, Bleaching—General Dyestuff Corp
HEV-E-OIL: Burners, Oil—Cleaver-Brooks Co
HEVI DUTY: Products—Hevi Duty Elec Co
HEXADOW: Insecticides—Dow Chem Co
HEXALIN: Cyclohexanol—E I du Pont de Nemours & Co, Polychem Dept
HEXALON: Desludgers, Fuel Oil—Feedwaters Inc
HEXOGEN: Driers, Paint & Varnish—Advance Solvents & Chem Corp
HEXOL: Products—Slater-Robbins Co
HEX-TEX: Belts, Double V—Allis-Chalmers Mfg Co
HIBITITE: Inhibitors, Acid-Pickling—Monsanto Chem Co, Organic Chem Div
HI-CARB: Products—Godfrey L Cabot
HIDACHROME: Dyes, Chrome—Hilton Davis Chem Co Div
HIDACID: Dyes, Acid—Hilton Davis Chem Co Div
HIDACO: Dyes, Basic—Hilton Davis Chem Co Div
HI-DENSITY: Feeders—Allis-Chalmers Mfg Co
HI-DUTY: Fittings, Valves & Tubing Tools—Imperial Brass Mfg Co
HI-FLO & DESIGN: Products—Godfrey L Cabot
HI-GAM: Lindane—Pennsylvania Salt Mfg Co
HIGH NITROGEN: Casein—Sheffield Chem Co
HIGH pH: Casein—Sheffield Chem Co
HILLS McCANNA: Pumps, Valves, Lubricators, etc—Hills McCanna Co
HILTAMINE: Brighteners, Fluorescent—Hilton Davis Chem Co Div
HILTONAPHTHOL: Color Bases, Naphthol—Hilton Davis Chem Co Div
HILTONIL: Color Bases, Fast—Hilton Davis Chem Co Div
HILTOSAL: Color Salts, Fast—Hilton Davis Chem Co Div
HIOLAMATIC: Detergents, Household—Hill Bros Chem Co
HI-PEAK: Coolers, Water—Acme Industries, Dept CWG
HIPPO: Glue, Animal, Liquid—Swift & Co
HIPPOCRATES: Products—S B Penick & Co
HIPPURAN: Radiographic Agents—Mallinckrodt Chem Works
HIRUS: Products—Synthetic Chem
HI-SIL: Pigments, Rubber—Columbia-Southern Chem Corp Sub
HI-SOL: Glue, Hide, Semi-Solid—Swift & Co
HI-SOLIDS: Lacquers, Wood—V J Dolan & Co
HI-SPEED: Cleaners, Dairy—Diamond Alkali Co
HISTOWAX: Wax, Paraffin—Matheson Coleman & Bell
HITEC: Products—E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales
HITEC: Heat Transfer Medium—E I du Pont de Nemours & Co, Explosives Dept
HITENSO: Alloys, Cadmium Wire, Copper—American Brass Co
HI-TEST ALKALI: Cleaners, Bottle—Diamond Alkali Co
HI-TONE: Detergents, Non-Ionic, Liquid—Utility Chem Co
HITSIT: Detergent Products—Armstrong Chem Co
HI WHITE: Clays, Filler—J M Huber Corp
HOEPNER: Equipment, Bag Sewing—Consolidated Packaging Machy Corp
HOFFCO-VAC: Cleaners, Vacuum, Portable—United States Hoffman Machy Corp
HOKE-JEWEL: Torches—Hoke Inc
HOKE-PHOENIX: Regulators, Pressure—Hoke Inc
HOLDARK: Products—Speer Carbon Co
HOLDFAST: Pastes, Label—Scriptex Products Co
HOLLOW SPINDLE: Stirrers—Eberbach Corp
HOLO-FLITE: Heat Exchangers—Western Precipitation Co
HOLTITE: Metals, Brazing—American Brass Co
HOMO: Furnaces, Annealing—Leeds & Northrup Co
HOMOCARB: Furnaces—Leeds & Northrup Co
HOMOCORD: Belts, Conveyor—Raybestos-Manhattan Inc
HOMOFLEX: Hose—Raybestos-Manhattan Inc
HONEYCOMB: Tubes, Filter—Commercial Filters Corp
HONEYWELL: Switches, Mercury—Minneapolis-Honeywell Regulator Co, Micro Switch Div
HO-NO-MO: Isopropyl N (3-Chlorophenyl) Carbamate—Spencer Chem Co
HOOKER: Products—Hooker Electrochem Co
HOOKER WHITE: Acid, Muriatic—Hooker Electrochem Co
HOOSIER: Finishes, Textile—National Starch Products
HORM: Products—F R Hormann & Co
HORMOESTER: Weed Killers—Miller Products Co
HORMOIL: Weed Killers—Miller Products Co
HORMOKIL: Weed Killers—Miller Products Co
HORMONITRO: Weed Killers—Miller Products Co
HORMOSALT: Weed Killers—Miller Products Co
HORMOTOX: Weed Killers—Miller Products Co
HORN: Paints—A C Horn Co Div
HORSE HEAD: Zinc, Metal Pigment & Powder Products—New Jersey Zinc Sales Co
HOTPACK: Equipment, Controlled Temperature—Electric Hotpack Co
HOT-R-COLD: Lacquers, Clear—V J Dolan & Co
HOTSPOTTER: Heaters—Fisher Scientific Co
HOUDAILLE: Filters, Magnetic—Honan-Crane Corp
HOUGHTO-CLEAN: Cleaners—E F Houghton & Co
HOUGHTO-DRAW: Drawing Compounds—E F Houghton & Co
HOUGHTO-KOTE: Coatings—E F Houghton & Co
HOUGHTO-SIZE: Compounds—E F Houghton & Co
HOWELL REDBAND: Motors—Howell Elec Motors Co
HOYT: Babbitt Metal—National Lead Co
HO-ZOF: Degreasing—R M Hollingshead Corp
HUDSON BAY: Products—Refrigeration Systems
HUMCHEM: Products—Hummel Chem Co
HUMECTOL: Wetting Agents—General Dyestuff Corp
HUMIDIGRAPH: Recorders, Humidity—Bristol Co
HUNTO-PINE: Disinfectants, Pine Oil—Huntington Labs
HURLETRON: Products—Electric Eye Equipment Co
HURON PORTLAND: Cements, Builders'—Cutler-Magner Co
HUSH-SHAK: Lubricants, Rubber—R M Hollingshead Corp
HUSKIE: Products—Mercury Mfg Co
HUVINAC: Emulsions, Polyvinyl Acetate—Hukill Chem Corp
HYAMINE: Disinfectants & Bactericides, Synthetic Organic—Rohm & Haas Co
HY-CAP: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
HYCAR AMERICAN: Rubber—B F Goodrich Chem Co
HY-CASE: Hydrolysate—Sheffield Chem Co
HYDRA-MATIC: Valves—Texas Lawn Sprinkler Co
HYDRAMOTOR: Valves, Meter—General Controls Co
HYDRAPHTAL: Degreasing Compounds—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
HYDRASPERSE: Clays, Coating—J M Huber Corp
HYDRATEX: Clays, Coating—J M Huber Corp
HYDRAUCONE: Pumps, Two Stage—Allis-Chalmers Mfg Co
HYDREX: Abrasives & Cleaners, Metal—Foy Electro-Chem Co
HYDREX: Products—W C Hardesty Co
HYDRHOLAC: Emulsions, Lacquer—Rohm & Haas Co
HYDRICIN: Fluids, Hydraulic—Baker Castor Oil Co
HYDRIMET: Products—Metal Hydrides
HYDRITE: Extenders, Pigment—Georgia Kaolin Co
HYDROBALANCE: Pumps, Self-Priming—LaBour Co Inc
HYDROBOT: Gas Analyzers—Podbielniak, Inc
HYDROBREAK: Cleaners, Laundry—Diamond Alkali Co
HYDROCONE: Crushers—Allis-Chalmers Mfg Co
HYDRO-DRIVE: Oils, Hydraulic—E F Houghton & Co
HYDRO-FINISH: Blasting, Impact—Pangborn Corp
HYDRO-FLO: Products—Bell & Gossett Co
HYDROFOL: Fats & Fatty Acids, Hydrogenated—Archer-Daniels-Midland Co, Chem Products Div
HYDROGEL: Wetting Agents—General Dyestuff Corp
HYDRO-MAGMA: Magnesium Hydroxide—Whittaker, Clark & Daniels
HYDRO-MAGMA: Pastes, Magnesium Hydroxide, Concentrated—Marine Magnesium Products Div
HYDRON: Dyes, Vat—General Dyestuff Corp
HYDRONON: Coatings, Foundation—Barrett Div
HYDROPEL: Waterproofing, Integral—American Bitumuls & Asphalt Co
HYDROPHEN: Glues, Resins—Reichhold Chem
HYDROPLEX: Pumps, Acid-Resisting—C M Lovsted & Co
HYDRO-SAND BLAST: Blast Cleaning—Pangborn Corp
HYDROSEAL: Starches, Paper—National Starch Products
HYDROSET: Head Adjustments for Gyratory Crushers—Allis-Chalmers Mfg Co
HYDRO-SHEAVE: Drives—Twin Disc Clutch Co
HYDRO-SOLV: Products—Nielco Chem
HYDROSORBER: Dehydration Units, Gas—J F Pritchard & Co
HYDROTERG C: Products—Hydrocarbon Chem
HYDROXANIL: Developers, Dyeing—Maher Color & Chem Co
HYDROXY: Textile Specialties—Kalf Mfg Co
HYDROZIN: Zinc Sulfoxylate Formaldehyde—Jacques Wolf & Co
HYDRYER: Dehydration Units—J F Pritchard & Co
HYFAC: Acids, Fatty, Hydrogenated—Emery Industries
HYFLO: Filter Aids—Johns-Manville
HYFLO SUPER-CEL: Filter Aids—Johns-Manville
HY-NIDE: Nitriding Compounds—Heatbath Corp
HYPALON: Polythene, Chlorosulfonated—E I du Pont de Nemours & Co, Polychem Dept
HYPER-CAL: Laboratory Distilling Apparatus—Podbielniak, Inc
HYPERSONIC EQUIPMENT: Devices, Electronic—Brush Development Co
HYPODYNE: Wetting Agents—Ferro Chem Corp
HY-PO-FOM: Disinfectants, Hypochlorite—George B Robbins Disinfectant Co
HYPORICE: Sodium Hyposulfite—Mallinckrodt Chem Works
HYPOZONE: Disinfectants—Sherwood Refining Co
HYSCOR: Products—E F Drew & Co
HYSOL: Products—Patent Chem
HY-SPEED: Agitators—Alsop Engrg Corp
HYSPOT: Products—Slater-Robbins Co
HY-TEN: Binders & Oils, Core—E F Houghton & Co
HYTORK: Motors, Synchronous—Allis-Chalmers Mfg Co
HYTROL A: Cyclohexane—E I du Pont de Nemours & Co, Polychem Dept
HYTROL O: Cyclohexanone—E I du Pont de Nemours & Co, Polychem Dept
HYTROL 10: Solvents, Stain, Wood Dye—E I du Pont de Nemours & Co, Polychem Dept
HY-WITE: Soaps, Laundry—H Kohnstamm & Co

I

I C DEGREASER: Degreasing Compounds—Ultra Chem Works
I G: Germicides—C E Ising Corp
IPC NO 20 E: Weed Killers—Miller Products Co
IPC NO 50 W: Weed Killers—Miller Products Co
IPC-OILMIX: Weed Killer—Miller Product Co
IRN: Iron, Reduced—C K Williams & Co
IRS: Sodas, Caustic—Diamond Alkali Co
ICESTIK: Glue, Label—Paisley Products
ICHTHYMALL: Ichthammol—Mallinckrodt Chem Works
ICHTHYNAT: Preparations, Medicinal—Heyden Chem Corp
ICY-FLO: Accumulators—McQuay, Inc
IDEAL: Cups, Grease—Lunkenheimer Co
IDEAL: Elevators—B F Gump Co
IDEAL: Products—Florida Agricultural Supply Co Div
IGAS: Sealers, Joint—Sika Chem Corp
IGENAL: Dyes, Leather—General Dyestuff Corp
IGEPAL: Surface Active Agents (Non-Ionic)—General Dyestuff Corp
IGEPON: Surface Active Agents (Anionic)—General Dyestuff Corp
ILLCO-WAY: Equipment, Ion-Exchange—Illinois Water Treatment Co
ILLINI RED: Colors, Dry, Lithol Red—Sherwin-Williams Co
IMAX: Products—Synthetic Chem
IMCO: Jars, Plastic—Imco Container Corp
IMMEDIAL: Dyes, Sulphur—General Dyestuff Corp
IMMERSATHERM: Controls, Temperature, Hot Water—Mercoid Corp
IMMERSOL: Levelling Agents, Textile—Nyanza Color & Chem Co
IMP: Systems, Mill—Raymond Pulverizer Div
IMPEDEX: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
IMPERIAL: Products—Imperial Brass Mfg Co
IMPERVO: Brick, Acid—Hanley Co
IMPLENAL: Stuffing Compounds, Leather—General Dyestuff Corp
IMPREGNO: Insecticides, Concentrate—S B Penick & Co
IMPROVITE: Alloys, Addition (for Iron & Steel)—Foundry Services
IMPRUVOL: Antioxidants—Koppers Co, Chem Div
IMPROVOL 20: Oils, Inhibitor—Koppers Co
IMPULSE SEQUENCE: Controllers, Time Cycle—Bristol Co
IMTRACOL: Products—Synthetic Chem
IMTRAMINE: Products—Synthetic Chem
INCELOID: Products—American Products Mfg Co
INDANTHRENE: Dyes, Vat—General Dyestuff Corp
INDEFILCO: Presses, Filter—Independent Filter Press Co
INDIGOLITE: Indigo, Discharge—Jacques Wolf & Co
INDO CARBON: Dyes, Sulphur—General Dyestuff Corp
INDOIL: Sulfonates, Petroleum—Indoil Chem Co
INDOINE: Dyes, Basic—General Dyestuff Corp
INDONEX: Plasticizers, Rubber—Indoil Chem Co
INDOPOL: Polybutenes—Indoil Chem Co
INDOR: Insecticides—Pennsylvania Salt Mfg Co
INDRALATUM: Wax, Petroleum—Industrial Raw Materials Corp
INNDOX OXIDIZED: Wax, Microcrystalline—Industrial Raw Materials Corp
INDUBOND: Linings—Industrial Lining Engrs
INDULIN: Lignin—West Virginia Pulp & Paper Co
INDULINE: Dyes, Acid—General Dyestuff Corp
INDU-SEALZ: Rubber Compounds, Hot Melt—Naugatuck Chem Div
INDUSOIL: Oil, Tall, Refined—West Virginia Pulp & Paper Co
INDUSTRIAL AIR: Compressors—Joy Mfg Co
INDUSTROL: Dehumidifiers & Filters, Air—Industrol Corp
INDUSTRY SPRAY: Insecticides—Miller Products Co
INERTOL: Paints, Bituminous—Inertol Co
INEX: Alkali, Industrial—H Kohnstamm & Co
INFERNO: Hose, Steam—Goodall Rubber Co
INFRA-REDIATOR: Heaters—Fisher Scientific Co
INITIAL LINE: Drugs, Botanical; Herbs—S B Penick & Co
INLAND 4-WAY SAFETY PLATE: Flooring, Iron & Steel—Inland Steel Co
INSA-LUTE: Products—Sauereisen Cements Co
INSTO-GAS: Torches—Insto-Gas Corp
INSTRU-MOUNT: Dampener, Vibration—Eberbach Corp
INSULATING CEMENT: Materials, Insulating—A P Green Fire Brick Co
INSULATION ADHESIVE: Materials, Insulating—A P Green Fire Brick Co
INSULATION COATING: Materials, Insulating—A P Green Fire Brick Co
INSULBOND: Linings—Industrial Lining Engrs
INSUL-MASTIC: Products—Insul-Mastic Corp of America
INSULOXIDE: Products—Titanalum Alloy Mfg Div
INTALAC: Shellac Substitute—International Wax Refining Corp
INTALOX: Packings, Saddle—United States Stoneware Co
INTAWAX AMBER: Carnauba Substitute—International Wax Refining Corp

INTEGRAL-FURNACE: Boilers—Babcock & Wilcox Co
INTER-JOINT: Joints, Interchangeable Glass—Scientific Glass Apparatus Co
INTERNATIONAL: Centrifuges—International Equipment Co
INTERNATIONAL: Fans—International Engrg
INTERPLANE: Grinders, Attrition—Allis-Chalmers Mfg Co
INTRAL: Products—Synthetic Chem
INTRASOL: Sequestering Agents—General Dyestuff Corp
INVADER: Belts—Republic Rubber Div
INVINCIBLE: Wheels—Hanson-Van Winkle-Munning Co
INWITE: Pigments, Printing—Seaboard Industries
IODEIKON: Sodium tetra-iodophenol-Phthalein—Mallinckrodt Chem Works
IOFLOW: Potassium Iodide Mixture—Mallinckrodt Chem Works
IOMAG: Potassium Iodide Mixture—Mallinckrodt Chem Works
IONAC: Exchangers, Ion—Permutit Co
IONAD 17: Additives, Fuel, Oil—Shell Chem Corp
IONOL: Anti-Oxidants—Shell Chem Corp
IRENEW: Valves—William Powell Co
IRISOL: Dyes, Acid—General Dyestuff Corp
IRON FIREMAN: Products—Iron Fireman Mfg Co
IRVINGTON: Products—Irvington Varnish & Insulator Co
ISATRON: Chambers, Ionization, Mass Spectrometer—Consolidated Engrg Corp
ISING: Products—C E Ising Corp
ISO-FLOW: Furnaces, Generators, Steam—Petro-Chem Development Co
ISLAND: Products—Island Equipment Corp
ISOCEL: Catalysts, Isomerization—Attapulgus Minerals & Chem Corp
ISO-LAN: Absorption Bases—Goldschmidt Chem Corp
ISOLAROMES: Products—C E Ising Corp
ISOLENE: Rosin Products—National Rosin Oil Products
ISOLINE: Oil, Castor, Dehydrated—Woburn Chem Corp
ISOPROL: Weed Killers—Miller Products Co
ISOPROPYLAN: Acid Esters, Lanolic—Robinson, Wagner Co
ISOSTYRE: Oil, Castor-Styrenated Dehydrated—Woburn Chem Corp
ISOTEMP: Ovens, Laboratory—Fisher Scientific Co
ISOTHAN Q-15: Fungicides, Tree—Onyx Oil & Chem Co
ISOTONE: Solvents—Carbide & Carbon Chem Co Div
ISOTOX: Lindane—California Spray—Chem Corp
ISOTROL: Fungicides, Copper, Lumber, Textile—Ferro Chem Corp
IVORY: Soaps—Procter & Gamble Co

J

JC-60: Pipe Joint Materials, Sewer—Atlas Mineral Products Co
J M: Glue, Stripping (For Set-Up Boxes)—Paisley Products
JM: Sodium Silicate Solutions—E I du Pont de Nemours & Co, Grasselli Chem Dept
J-W SNIFFER: Products—Johnson-Williams, Ltd
JACK FROST: Etching Compounds—McKay Chem Co
JACKLIFT: Products—Lewis-Shepard Products
JACKSTACKER: Products—Lewis-Shepard Products
JACKTRACTOR: Products—Lewis-Shepard Products
JACO: Products—Jarrell-Ash Co
JAGABI: Instruments, Measuring, Speed—James G Biddle Co
JAK-TUNG: Trucks, Industrial—Thomas Truck & Castor Co
JANITROL: Products—Surface Combustion Corp
JANOSOL: Products—Synthetic Chem
JANUS: Dyes, Basic—General Dyestuff Corp
JASMONENE: Chemicals, Aromatic—S B Penjck & Co
JAVOLLAL: Substitutes for Oil, Citronella—Fritzsche Bros
JEEP: Products—Mercury Mfg Co
JEFFERY: Glue, Marine—L W Ferdinand & Co
JEFFREY-STEFFENSEN: Separators, Magnetic—Jeffrey Mfg Co
JEFFREY-TRAYLOR: Feeders, Conveyors, Packers, Dryers, etc—Jeffrey Mfg Co
JELLIFF ALLOY 1000: Nickel Chromium Manganese—C O Jelliff Mfg Corp
JELLIFF ALLOY K: Iron Chromium Aluminum—C O Jelliff Mfg Corp
JELLIFF ALLOYS 45 & 90 & 180: Copper Nickel— C O Jelliff Mfg Corp
JELLIFF ALLOYS A & C: Nickel Chromium—C O Jelliff Mfg Corp
JERGUSON: Valves, Gage—Jerguson Gage & Valve Co
JERGUSON REFLEX: Gauges, Liquid Level—Jerguson Gage & Valve Co
JERGUSON TRANSPARENT: Gauges, Liquid Level—Jerguson Gage & Valve Co
JERNSTEDT: Computers—Hanson-Van Winkle-Munning Co
JET MILLED: Products—Mineral Pigments Corp
JIFFIX: Fixers, Photographic—Mallinckrodt Chem Works
JIFFY: Rockers, Carboy—Hanson-Van Winkle-Munning Co
JOHN CRANE: Products—Crane Packing Co
JOINT-SEALZ: Rubber Compounds, Hot Melt—Naugatuck Chem Div
JORCO: Metals, Slab, Zinc—Jordan Co
JUNGLE: Insecticides—R M Hollingshead Corp
JUPITER GUM: Adhesives, Dextrine (Dry Form)—Paisley Products
JUST: Cleaners—Fuld Bros

K

245-K: Products—Emil Klemm Inc
K-B: Flour, Facing & Pastes—Knefler-Bates Co
K-B 100: Sizes—Knefler-Bates Co
KD-2: Mortars, Refractory—A P Green Fire Brick Co
K-F: Chemicals, Organic—Kay-Fries Chem
KF: Defoamers—Nopco Chem Co
K-MASTER: Traps, Steam & Air & Valves—Kaye & MacDonald
K-MASTER KLEEN AIR: Filters—Kaye & MacDonald
KS-4: Castables, Refractory—A P Green Fire Brick Co
KTPL: Resins, Polystyrene—Koppers Co, Chem Div
K V: Products—Kennedy Valve Mfg Co
KX-99: Brick, Refractory—A P Green Fire Brick Co
KADOX: Zinc Oxide—New Jersey Zinc Sales Co
KALISTA: Channel Black—Godfrey L Cabot
KALITE: Calcium Carbonate, Precipitated—Diamond Alkali Co
KALITE: Insecticides, Garden—Kalo Co
KALO: Products—Kalo Co
KALPER: Switches—Minneapolis-Honeywell Regulator Co, Micro Switch Div
KALPINOL: Textile Specialties—Kali Mfg Co
KALYE: Products—Rumford Chem Works
KAM: Soda, Caustic, Phosphated (Bottle Washing Compounds)—Westvaco Chem Div
KANATROL: Vanilla, Synthetic—H Kohnstamm & Co
KANE: Products—Mears Kane Ofeldt Co
KANO: Products—Kano Labs
KANT KLOG: Cleaners, Drain Pipe—George B Robbins Disinfectant Co
KANT-LEAK: Paints & Cements, Roofing—Sullivan Co
KAOCAST: Refractories—Babcock & Wilcox Co
KAO-KLAY: Clays, Paper—Godfrey L Cabot
KAOLEX: Clays, Ceramic—J M Huber Corp
KAPSOL: Plasticizers, Fatty Acid—Ohio-Apex Inc Div
KARRI-GO: Cranes, Industrial, Front Boom—Silent Hoist & Crane Co
KASIL: Potassium Silicate—Philadelphia Quartz Co
KAST-O-LITE: Castables, Insulating, Refractory—A P Green Fire Brick Co
KAST-SET: Castables, Refractory—A P Green Fire Brick Co
KATANOL: Mordants, Textile—General Dyestuff Corp
KATAPOL: Surface Active Agents (Cationic)—General Dyestuff Corp
KATHABAR: Products—Surface Combustion Corp
KATHON: Weed Killers—Rohm & Haas Co
KATIGEN: Dyes, Sulphur—General Dyestuff Corp
KAYLE: Products—Rumford Chem Works
KAYLO: Products—Owens-Illinois Glass Co
KAYTONE: Fumigants—Kay-Fries Chem
KECKLEY: Products—O C Keckley Co
KEIDING: Products—Keiding Paper Products Co
KELACID: Acid, Alginic—Kelco Co
KELCOLOID: Propylene Glycol Alginate—Kelco Co
KELCOSOL: Sodium Alginate—Kelco Co
KELGIN: Sodium Alginate—Kelco Co
KELLY: Filters, Pressure—Oliver United Filters
KELLY ISLAND HYDRATED LIME: Calcium Hydroxide—Cutler-Magner Co
KELMAR: Potassium Alginate—Kelco Co
KELSIZE: Sodium Alginate—Kelco Co
KELTEX: Sodium Alginate—Kelco Co
KEM: Paints, Enamels, Lacquers, etc—Sherwin-Williams Co
KEM: Products—Kem Products Co
KEM GLO: Enamels, Household—Sherwin-Williams Co
KEMICIDE: Insecticides—Kemiko Mfg Co
KEMIFECTANT: Disinfectants—Kemiko Mfg Co
KEMIKAL: Concrete, Floor Hardener—Sullivan Co
KEMIKO: Detergents—Kemiko Mfg Co
KEMIQUAT: Quaternary—Kemiko Mfg Co
KEMISOUR: Sours, Laundry—Kemiko Mfg Co
KEMITE: Pipe, Flexible, Rubber—Goodall Rubber Co
KEM LUSTRAL: Enamels, Industrial—Sherwin-Williams Co
KEMOX: Waterproofing—Sika Chem Corp
KEMOZONE: Deodorants—Kemiko Mfg Co
KEMSOLENE: Thinners, Paint, Varnish, Lacquer—American Mineral Spirits Co
KEM TONE: Paints, Wall, Emulsion—Sherwin-Williams Co
KEMULSION: Emulsion Bases—Kem Products Co
KEM-VAR: Varnishes, Furniture—Sherwin-Williams Co
KENCORK: Flooring—Kentile Inc
KENDALL: Lubricants—Kendall Refining Co
KENDALL-2000 MILE: Oils, Lubricating—Kendall Refining Co
KENDEX: Resins & Compounds—Kendall Refining Co
KENNISON: Products—Builders-Providence
KENRUBBER: Flooring—Kentile Inc
KENSOL: Inks, Oils, & Solvents—Kendall Refining Co
KENTILE: Flooring, Asphalt—Kentile Inc
KEPECO: Finishes—Kepec Chem Corp
KEPOLAC: Lacquers—Kepec Chem Corp
KEPOLENE: Adhesives—Kepec Chem Corp
KEROTEST: Valves—Kerotest Mfg Co
KESSCO: Fatty Acid Esters—Kessler Chem Co
KETOSOL: Solvents—Carbide & Carbon Chem Co Div
KEWANEE: Unions—Walworth Co
KEY: Products—Key Co
KEY-KAST: Products—Key Co
KEYSTONE: Gelatin, Ammonium Carbonate—American Agricultural Chem Co
KEY-TITE: Products—Key Co
KIDDE: Products—Walter Kidde & Co
KIDNEY OIL: Rosin Products—National Rosin Oil Products
KIER-WITE: Products—Scholler Bros
KILLANT: Products—Nowlin Co
KILLRAT: Products—Nowlin Co
KILLROACH: Products—Nowlin Co
KIMO: Disinfectants, Dairy—George B Robbins Disinfectant Co
KIMPAK: Padding & Packaging Material—Kimberly-Clark Corp
KIMPREG: Products—Kimberly-Clark Corp
KIMSUL: Insulation—Kimberly-Clark Corp
KIMWIPES: Products—Kimberly-Clark Corp
KING-CLIP: Valves, Gate—Lunkenheimer Co
KIRKSITE: Metals, Die, Ingot—Morris P Kirk & Son
KIRKSITE A: Rolled Sheet—Morris P Kirk & Son
KIRKSON: Solder, Lead Products—Morris P Kirk & Son
KLARIFIANT: Waterwash Compounds for Paint Booths—Du Bois Co
KLEENAP: Soaps, Laundry—H Kohnstamm & Co
KLEEN-A-WELL: Paraffine Oil Well Treatment—Sullivan Co
KLEENBRITE: Cleaners, Floor—Peerless Chem Co
KLEENEZE: Absorbents, Oil & Grease—Peerless Chem Co
KLEENFLO: Clays, Activated—L A Salomon & Bro
KLEEN GLASS: Cleaners, Window—Uncle Sam Chem Co
KLEEN-GLO SUPER: Cleaners, Floor—Kleen-Glo Chem Corp
KLEEN-KOTE: Products—Kleen-Kote Co
KLEENSEAL: Equipment, Lube—Lincoln Engrg Co
KLEEN SPOT: Fluids, Cleaning—Uncle Sam Chem Co
KLEENZALL: Powder, Cleaning—Peerless Chem Co
KLEERITE: Products—American Writing Ink Co
KLEERZ: Products—Synthetic Chem
KLEMEX: Products—Klem Chem
KLEM KOTE: Products—Klem Chem
KLEX: Soap—Colgate-Palmolive-Peet Co
KLINCH: Cements, Grain—Hanson-Van Winkle-Munning Co
KLINGER REFLEX: Glasses, Gauge—Jerguson Gage & Valve Co
KLOSD: Products—Sterling Elec Motors
KLOSD-TITE: Products—Sterling Elec Motors
KLOZURE: Seals, Oil & Grease—Garlock Packing Co
KNIGHT: Carbon Black—Witco Chem Co
KNITOL: Oils, Textile—Sherwood Refining Co
KNO-DRAFT: Products—W B Connor Engrg Corp
KNOX-OUT: Insecticides, Home & Garden—Pennsylvania Salt Mfg Co
KOKOBACE: Soap, Paste—Nopco Chem Co
KOL: Cleaners—Du Bois Co
KOLDPRUF: Anti-Freeze—Cities Service Oil Co Del
KOLLAMINE: Assistants, Vat Printing—General Dyestuff Corp
KOLOC: Resin Compositions for Cotton, Rayon & Wool—Naugatuck Chem Div
KONILLA: Vanilla Products—H Kohnstamm & Co
KONRITE: Oil, Coning, Nylon—Nopco Chem Co
KONSEAL: Concrete Curing Compounds, Surface—Sullivan Co
KONSET: Cements, Waterproofing—Sullivan Co
KONTITE: Paints, Cement—Sullivan Co
KONTROL: Fire Extinguishers—M L Snyder & Son
KOOLMOTOR: Oils—Cities Service Oil Co Del
KOOLMOTOR: Products—Cities Service Petroleum
KOOL-WAIV: Fans—International Engrg
KOPOL: Copals, Processed Congo—Reichhold Chem
KOPPERS-ELEX: Precipitators, Electrostatic—Koppers Co
KORALOY 470: Coatings, Acid-Proof—Atlas Mineral Products Co
KORDA: Teflon—Chicago Gasket Co
KOREA: Cements, Acid-Proof—Atlas Mineral Products Co
KORESIN: Tackifiers, Rubber—General Dyestuff Corp
KOREZ: Cements, Acid-Proof—Atlas Mineral Products Co
KOREFLOW: Core Compounds—International Minerals & Chem Corp, Industrial Minerals Div
KOROSEAL: Materials, Flexible—B F Goodrich Co
KOSMINK: Carbon Black—United Carbon Co
KOSMOFINE: Carbon Black—United Carbon Co
KOSMOLAK: Carbon Black—United Carbon Co
KOSMOS: Carbon Black—United Carbon Co
KOSTICO: Cleaners—Hanson-Van Winkle-Munning Co
KOTE-MASQ: Stop-Off Compounds—Hanson-Van Winkle-Munning Co
KOTE-RAX: Insulators—Hanson-Van Winkle-Munning Co
KOTOL: Resin Solutions for Adhesives & Coatings—Naugatuck Chem Div
KOTTONER: Machines, Cotton Wadding—Consolidated Packaging Machy Corp
KOVERSTAIN: Products—Bradshaw-Praeger & Co
KOWAXO: Wax, Japan—H Kohnstamm & Co
KRAFT: Bags—Kraft Bag Corp
KRALAC: Latices, Plastic & Resins, Rubber Compounding—Naugatuck Chem Div
KRALASTIC: Powders, Molding & Extrusion & Latices, Plastic, Flexible—Naugatuck Chem Div
KRANE KAR: Cranes, Swing-Boom—Silent Hoist & Crane Co
KRANE KRAWLER: Cranes, Crawler—Silent Hoist & Crane Co
KRAYSTAY: Moss, Irish—Phenix Foods Co
KREBOLITH: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
KREELON: Detergents, Alkylarylsulfonate—Wyandotte Chem Corp
KREMOL: Oil, Mineral, White—Sherwood Refining Co
KREMOLINE TRO SPRAY: Products—Sherwood Refining Co
KREMOLINE TROUGH: Grease—Sherwood Refining Co
KRENITE: Dinitro Dormant Sprays—E I du Pont de Nemours & Co, Grasselli Chem Dept
KRESTEX: Products—Petra Mfg Co
KROMA REDS: Oxides, Iron—C K Williams & Co
KROMFAX: Solvents—Carbide & Carbon Chem Co Div
KROMID: Fillers, Leather—Diamond Alkali Co
KROMIK: Coatings, Primer—Sherwin-Williams Co
KRONISOL: Plasticizers, Phthalate—Ohio-Apex Inc Div
KRONITEX: Tricresyl Phosphate—Ohio-Apex Inc Div
KRUZITE: Brick, Refractory—A P Green Fire Brick Co
KRYOCIDE: Cryolite, Natural—Pennsylvania Salt Mfg Co
KRYOLITH: Cryolite, Natural—Pennsylvania Salt Mfg Co
KULENE: Refrigerants—Eston Chem
KULJIAN: Products—Kuljian Corp
KUTWELL: Oils, Cuttings, Soluble—Penola Oil Co
KUTWELL: Oils, Metal Cutting—Esso Standard Oil Co
KWIKEE: Inks, Printing—Braden Sutphin Ink Co
KWIK-GRIP: Tape, Carpet Seaming & Tools, Accessory—Naugatuck Chem Div
KWIK-TITE: Fittings—Imperial Brass Mfg Co
KYMENE: Resins, Urea-Formaldehyde—Hercules Powder Co

L

L: Products—Lebanon Steel Foundry
L-80 GREASE: Detergents—Moore Chem Mfg Co
LACAWAX: Carnauba Substitute—International Wax Refining Corp
LAC-O-NU: Products—Nu Steel Co
LACTARIN: Products—Algin Corp of America
LACTOL SPIRITS: Solvents, Petroleum—American Mineral Spirits Co
LADEX: Greases—Esso Standard Oil Co
LADEX: Lubricants—Penola Oil Co
LAFRANCE: Extinguishers, Fire—American-LaFrance-Foamite Corp
LAMINAC: Products—American Cyanamid Co, Plastics & Resins Div
LANACID: Acids, Lanolic—Robinson, Wagner Co
LANAFIN: Emulsifying Agents, Textile—Standard Chem Products
LANAMIDE: Acid Amides, Lanolic—Robinson, Wagner Co
LANAMINE: Acid Esters, Lanolic—Robinson, Wagner Co
LANCO: Beakers, Stainless Steel & Pumps, Vacuum, Laboratory—Arthur S La Pine & Co
LANDEN QUALITY: Putty—Landen Putty Works
LANETTE: Alcohol, Compound, Fatty—Fallek Products Co
LANKOTE: Paints, Anti-Corrosion—J Landau Co
LANOCERIN: Waxes, Lanolin—Robinsin, Wagner Co
LANOCHOL: Acid Esters, Lanolic—Robinson, Wagner Co
LANOGENE: Esters, Lanolin, Liquid—Robinson, Wagner Co
LANOL: Protective Agents, Wool—Titan Chem Products
LANOLAC: Lacquers, Enamels & Thinners, Industrial—J Landau Co
LANOMAL: Products—N I Maimstrom & Co
LANOSYN: Enamels, Synthetic, Industrial—J Landau Co
LANOVIN: Lacquers, Vinyl, Enamels & Inks, Industrial—J Landau Co
LANSCO: Pigments—Landers-Segal Color Co
LANSELITE: Minerals—Landers-Segal Color Co
LANSOL: Products—Landers-Segal Color Co
LAP-LOK: Copings, Wall, Clay, Vitrified—Robinson Clay Product Co
LAPP AUTO-PNEUMATIC PULSAFEEDER: Automatic Pneumatic Control for Proportioning Pumps—Lapp Insulator Co
LAPP CHEMICAL PORCELAIN: Pipe, Valves & Fittings—Lapp Insulator Co
LAPP PULSAFEEDER: Pumps, Proportioning—Lapp Insulator Co
LAPP TUFCLAD CHEMICAL PORCELAIN: Armored Pipe, Valves & Fittings, Fiberglass—Lapp Insulator Co
LARVACIDE: Chloropicrin—International Minerals & Chem Corp, Potash Div
LATEX-LUBE: Lubricants, Rubber—Du Bois Co
LATOL: Products—Arthur C Trask Co
LATTICE BRAID: Packing—Garlock Packing Co
LAUNDEROMETER: Products—Atlas Elec Devices Co
LAUNDRAZYME: Aids, Laundry—Wallerstein Co
LAUNDRITE: Starches, Laundry—Clinton Foods
LAUREX: Activators & Plasticizers for Rubber—Naugatuck Chem Div
LAUROL: Lauryl Dimethyl Benzyl Ammonium Bromide—Fine Organics
LAUXEIN: Casein & Soybean Glues—Monsanto Chem Co, Plastics Div
LAUXITE: Resins—Monsanto Chem Co, Western Div
LAUXITE: Urea, Phenolic, Melamine & Resorcinol Resins—Monsanto Chem Co, Plastics Div
LAUX REZ: Sealers, Wood—Monsanto Chem Co, Western Div
LAUXTOL: Preservatives—Monsanto Chem Co, Western Div
LAVAPOL: Surface Active Agents (Non-Ionic)—General Dyestuff Corp
LAVEKOL: Spot-Proofing Compounds—General Dyestuff Corp
LAWRENCE: Pumps—Lawrence Mach & Pump Corp
LAYKOLD: Products—American Bitumuls & Asphalt Co
LEADLEAF: Metals, Paste & Pigments, Lead—Metalead Products Corp
LEAD-LUBE: Greases, Leaded—Knapp Mills
LEAFOX: Zinx Oxide—New Jersey Zinc Sales Co
LEATHAFLEX: Cements, Leather—Paisley Products
LEATHERLUBRIC: Oils, Leather—E F Houghton & Co
LECITE: Products—Electro Chem Engrg & Mfg Co
LECO: Products—Laboratory Equipment Corp
LECTRODRYER: Dehumidifiers—Pittsburgh Lectodryer Corp
LEHMANN: Machinery—J M Lehmann Co
LEICA: Products—E Leitz Inc
LEITZ: Products—E Leitz Inc
LEITZ-ROUY: Photometers—E Leitz, Inc
LEKTROSTAT: Anti-Static Agents—Dexter Chem Corp
LELAND: Products—Leland Elec Co
LEMOL: Alcohol, Polyvinyl—American Monomer Corp
LENOCAL: Strippers, Textile—General Dyestuff Corp
LEONIL: Leveling Agents, Textile—General Dyestuff Corp
LEOPHEN: Assistants, Mercerizing—General Dyestuff Corp
LESCALE: Cleaners—George B Robbins Disinfectant Co
LESLIE: Regulators, Pressure & Temperature—Leslie Co
LETHALAIRE: Products—Virginia Smelting Co
LETHANE: Insecticide Concentrates, Synthetic Organic—Rohm & Haas Co
LEUCOTROPE: Discharge Agents, Textile—General Dyestuff Corp
LEUKANOL: Tanning Agents, Synthetic—Rohm & Haas Co
LEVECOL: Products—Fred'k H Levey Co
LEVELIMETER: Meters, Liquid Level—Fischer & Porter Co
LEVELOL: Leveling Agents, Textile—American Cyanamid Co, Industrial Chem Div
LEVELON: Laundry Blue—H Kohnstamm & Co
LEVEL-TROL: Controllers, Liquid Level—Fisher Governor Co
LEVENOL: Leveling Agents, Dye—Standard Chem Products
LEVERPAK: Drums, Fibre—Continental Can Co
LEWIS: Lye, Household, Soda Caustic—Pennsylvania Salt Mfg Co
LEWSIOL: Resins—Hercules Powder Co
LEXONE: BHC Insecticides—E I du Pont de Nemours & Co, Grasselli Chem Dept
LIBERTY: Flints—New Process Metals
LIBERTY: Hose & Tubing—Continental Rubber Works
LIFELINE: Motors—Westinghouse Elec Corp
LIFE-SEALED: Idlers, Belt—Lippmann Engrg Works
LIFETIME: Aluminum & Aluminum Products—Reynolds Metals Co
LIFETYME: Products—Alloy Products Corp
LIFTABOUT JUNIOR: Load Lifting Units—Shepard Niles Crane & Hoist Corp
LIFT-O-KRANE: Trucks—Silent Hoist & Crane Co
LIFT-O-MATIC: Equipment, Drums, Handling—Marvel Industries
LIFTRUK: Trucks, Lift, Fork—Silent Hoist & Crane Co
LIGHTNIN': Cleaners, Alkali—Diamond Alkali Co
LIGHTNIN: Mixers & Agitators—Mixing Equipment Co
LIGNASAN: Fungicides—E I du Pont de Nemours & Co, Grasselli Chem Dept
LIGNOCOL: Anti-Oxidants & Anti-Skinning Agents—Heyden Chem Corp
LIGNOSITE: Calcium Lignin Sulfonate—Puget Sound Pulp & Timber Co
LIGNOTITE: Glue, Casein—Paisley Products
LIGNOTOX: Preservatives, Wood—Paisley Products
LIGRO: Oil, Tall, Crude—West Virginia Pulp & Paper Co
LILY: Acid, Stearic—Emery Industries
LIME-SOLV: Alkali, Industrial—H Kohnstamm & Co
LIMITORQUE: Controls, Valve—Philadelphia Gear Works
LINAMETERS: Products—Penn Industrial Instrument Corp
LINCOLN-CO: Products—Lincoln Engrg Co
LINDANO: Insecticides—Miller Products Co
LINDE: Gases, Organosilicons, Equipment, Metal-Treating & Crystals, Synthetic Industrial—Linde Air Products Co Div
LINDEX: Insecticides, Lindane—Thompson Hayward Chem Co
LINDOL: Tricresyl Phosphate, Coal Tar Based—Celanese Corp of America
LINDOL H F: Tricresyl Phosphate, Hydraulic Fluid—Celanese Corp of America
LINDUSTO: Insecticides—Miller Products Co
LINEATOR: Electronic Devices—Airborne Accessories Corp
LIN-FLO: Driers—Ansul Chem Co
LINK-LOCK: Chains, Logging, Rigging—Electric Steel Foundry Co
LINOL-COTE: Lacquers, Linoleum—Howe & French
LINSOLEUM: Cleansers—Bram Chem Co
LIN-X: Varnishes—Sherwin-Williams Co
LIQRO: Oil, Tall, Crude—West Virginia Pulp & Paper Co
LIQUAMATTE: Equipment, Blast Cleaning, Wet—American Wheelabrator & Equipment Corp
LIQUA-SAN C: Soaps, Hand, Liquid—Huntington Labs
LIQUID: Products—Liquid Carbonic Corp
LIQUI-JECTOR: Products—Selas Corp of America
LIQUILAN: Esters, Lanolin, Liquid—Robinson, Wagner Co
LIQUIMATIC: Oils—Bell Co
LITEDUL: Dullers, Light—Seaboard Industries
LITE-MITE: Illuminators—Stocker & Yale
LITENE: Wax, Paraffin—Petroleum Specialties
LITHOL: Pigments—General Dyestuff Corp
LITHOTONE: Fixers, Photographic—Mallinckrodt Chem Works
LITHO-WIPES: Products—Kimberly-Clark Corp
LITTLE DUCHESS: Blues, Laundry—Calco Chem Div
LITTLE GIANT: Pumps, Sump—Chicago Pump Co
LOAD-LOK: Adhesives—National Starch Products
LOADMASTER: Products—Lewis-Shepard Products
LO-BAX: Bactericides, Chlorine—Mathieson Chem Corp
LO-BLAST: Burners, Gas—Mid-Continent Metal Products Co
LOCK-EASE: Lubricants & Oils, Graphite—American Grease Stick Co
LODEK: Covers, Digester—Chicago Pump Co
LOK-TITE: Couplings, Hose—Lincoln Engrg Co
LOMAR PW: Dispersing Agents—Jacques Wolf & Co
LONG BOWL: Sockets—Electric Steel Foundry Co
LONGWOOD: Sterilizers—Barnstead Still & Sterilizer Co
LOOB: Soap, Liquid—Du Bois Co
LOOBASE: Products—Du Bois Co
LOOSEN-ALL: Oils—R M Hollingshead Corp
LOOSE WOOL: Insulation, Mineral Wool—A P Green Fire Brick Co
LOOSOL: Inhibitors, Sludge—Eastman Chem Products
LOPOGUM: Gum, Locust Bean—Jacques Wolf & Co
LORD'S INFUSO: Polishes, Silver—Pingo Co
LORD'S LUMINO: Polishes, Metal—Pingo Co
LORD'S NU BLAC: Polishes, Stove—Pingo Co
LOROL: Lauryl Chloride—E I du Pont de Nemours & Co. Grasselli Chem Dept
LOROL 5: Alcohol, Lauryl—E I du Pont de Nemours & Co, Polychem Dept
LOROL 7: Alcohol, Lauryl—E I du Pont de Nemours & Co, Polychem Dept
LOROL 20: Alcohol, Octyl, Normal—E I du Pont de Nemours & Co, Polychem Dept
LOROL 22: Alcohol, Decyl—E I du Pont de Nemours & Co, Polychem Dept
LOROL 24: Alcohol, Cetyl—E I du Pont de Nemours & Co, Polychem Dept
LOROL 28: Alcohol, Stearyl—E I du Pont de Nemours & Co, Polychem Dept
LOSS-IN-WEIGHT: Scales, Proportioning—% Proportioneers Inc %
LOTOL: Latices, Compounded—Naugatuck Chem Div
LOUISVILLE: Coolers & Dryers—General American Trans Corp
LOUPOLE: Scouring Agents—Jacques Wolf & Co
LOVEJOY-DIX: Joints—Lovejoy Flexible Coupling Co
LOVEJOY-IDEAL: Pulleys—Lovejoy Flexible Coupling Co.
LO-VEYOR: Conveyors, Vibrating—Ajax Flexible Coupling Co
LO-VIS: Talc—Southern California Minerals Co
LOW-HEAD: Screens & Sifters—Allis-Chalmers Mfg Co
LOXITE: Cements, Rubber—Firestone Plastics Div
LOXOL: Mortars, Refractory—A P Green Fire Brick Co
LOX-SEAL: Cements, Liquid—Lox Mfg Co
LUBARS: Products—Du Bois Co
LUBE-A-TUBE: Metal Stamping Compounds—G Whitfield Richards
LUBE EZE: Lubricants, Conveyor Chain, Water Soluble—Peerless Chem Co
LUBE WELL: Oils, Cutting, Soluble—G Whitfield Richards
LUB-PAK: Pumps, Bullset—Lincoln Engrg Co
LUBRICIN: Additives, Oil, Lubricating—Baker Castor Oil Co
LUBRIGUN: Pumps, Lube—Lincoln Engrg Co
LUBRO: Greases, Wire-Drawing—G Whitfield Richards
LUCITE: Plastic, Acrylic—E I du Pont de Nemours & Co, Polychem Dept
LUDIGOL: Assistants, Kier—General Dyestuff Corp
LUDOX: Colloidal Silica—E I du Pont de Nemours & Co, Grasselli Chem Dept
LUMERCINE: Mercerizing Assistants—Jacques Wolf & Co
LUMETRON: Colorimeters—Photovolt Corp
LUNKENHEIMER: Valves, Lubricators, Gauges, etc—Lunkenheimer Co
LUPOGUM: Gum, Locust Bean—Jacques Wolf & Co
LUPOMIN: Finishes, Textile—Jacques Wolf & Co
LUPOMIN Q: Finishes, Textile—Jacques Wolf & Co
LUPOSEC: Water Repellents—Jacques Wolf & Co
LUSTAN: Lubricants, Glass Mould—Esso Standard Oil Co
LUSTERIZE: Polishes—R M Hollingshead Corp
LUSTER-ON: Coatings, Conversion—Chemical Corp
LUSTERSUDS: Soaps, Laundry—H Kohnstamm & Co
LUSTRACAST: Products—Cooper Alloy Foundry Co
LUSTRAL: Enamels—Sherwin-Williams Co
LUSTRAL: Products—Diversey Corp
LUSTREX: Styrene—Monsanto Chem Co, Plastics Div
LUSTRO-KLEEN: Products—Slater-Robbins Co
LUSTRONE: Lacquers for Leather Finishing—Rohm & Haas Co
LUTRON: Chemicals for Hides—Rohm & Haas Co
LYCEDAN: Acid, Adenosine-5-Phosphoric—Schwarz Labs
LYKOPON: Sodium Hydrosulfite—Rohm & Haas Co
LYTRON: Synthetic Polyelectrolytes—Monsanto Chem Co, Plastics Div

M

3M: Products—Minnesota Mining & Mfg Co, Adhesives & Coatings Div
MBT: Accelerators for Rubber—Naugatuck Chem Div
MBTS: Accelerators for Rubber—Naugatuck Chem Div
MC-1: Catalysts, Paste—Marco Chem
MC-1: Cleaners, Metal—Pennsylvania Salt Mfg Co
M C P: Pectin—Colyer Co
MD: Powders & Pigments, Metal—Metals Disintegrating Co
M D A: Acid, Methylene Disalicylic—Heyden Chem Corp
MGK: Allethrin—McLaughlin Gormley King Co
MGK 264: Activators, Insecticide—McLaughlin Gormley King Co
MH: Retarders, Agricultural Growth—Naugatuck Chem Div
MKAYO: Products—Mears Kane Ofeldt Co
ML-4: Film, Separating (for Molds)—Marco Chem
M L S: Mucilage—Paisley Products
MM: Waxes, Floor—Columbia Wax Co
M P S 500: Plasticizers—Hooker Electrochem Co
MR: Resins, Polyester—Marco Chem
MR N: Ammonium Nitrate—Spencer Chem Co
MS: Switches—Minneapolis-Honeywell Regulator Co, Micro Switch Div
M-S: Catalysts—Davison Chem Corp
M & T: Tin—Metal & Thermit Corp
M T EMERY: Lubricants—Hanson-Van Winkle-Munning Co
MW-50: Insulation—Philip Carey Mfg Co
MYRJ: Emulsifiers, Edible—Atlas Powder Co
MAGENTA: Dyes, Basic—General Dyestuff Corp
MAGIC-GRIP: Bushings & Sheaves, V-Belt—Allis-Chalmers Mfg Co
MAG-LI-KOTE: Dolomite, Ground Burnt—Moores Lime Co
MAGLITE-D: Magnesium Oxide—Whittaker, Clark & Daniels
MAGLITE D: Oxides, Rubber Compounding—Marine Magnesium Products Div
MAGLITE-M: Magnesium Oxide—Whittaker, Clark & Daniels
MAGLITE M: Oxides, Rubber Compounding—Marine Magnesium Products Div
MAGMAN: Products—Stearns Magnetic
MAG-MIX: Stirrers—Precision Scientific Co
MAGNA-BOND: Cement, Porcelain Bushing—Allis-Chalmers Mfg Co
MAGNAFLAKE: Powders, Pastes, & Pigments—Magna Mfg Co
MAGNAFLO: Screens & Feeders—Allis-Chalmers Mfg Co
MAGNAFLO: Separators, Magnetic—United States Hoffman Machy Corp
MAGNASIGHT: Indicators, Sight Flow—Fischer & Porter Co
MAGNESOL: Solvent Clarifiers & Magnesium Silicate—Westvaco Chem Div
MAGNETROL: Controls & Indicators—Fred H Schaub Engrg Co
MAGNETROL: Products—Magnetrol Inc

MAGNILASTIC: Expansion Joints—Cook Elec Co
MAGNORITE: Refractories—Norton Co
MAJESTIC: Wheels—Hanson-Van Winkle-Munning Co
MAJOR: Lubricators—Lunkenheimer Co
MAKANOL: Alcohols, Sulfates, Tallow Fatty—Stepan Chem Co
MALGATE: Valves—William Powell Co
MALLOPHENE: Phenyl-Azo-Diamin-Pyridine Hydrochloride—Mallinckrodt Chem Works
MALRENEW: Valves—William Powell Co
MALTESE: Mirrors & Glass—Semon Bache & Co
MALTESE CROSS: Conveyor Belt & Hose—Hewitt-Robins
MAMARONECK: Products—Mamaroneck Chem Corp
MAMARONECK REFINED: Waxes, Vegetable—M Arqueso & Co
MANGANO: Manganese, Agriculture, Neutral—W R E Andrews Sales
MANHATTAN: Linings, Rubber—Raybestos-Manhattan Inc
MANOL: Oil, Mineral, White—Sherwood Refining Co
MANTALLOY: Crusher Parts, Gyratory—Allis-Chalmers Mfg Co
MANZATE: Fungicides—E I du Pont de Nemours & Co, Grasselli Chem Dept
MAPICO: Iron Oxide, Colors—Mapico Color Div
MAPLEROME: Bases, Flavor, Imitation Maple—Florasynth Labs
MAPROFIX: Detergents, Synthetic—Onyx Oil & Chem Co
MAPROMOL: Detergents, Textile—Onyx Oil & Chem Co
MARACARB: Anti-Catalysts—Marathon Corp
MARACELL: Chemicals, Water Treatment—Marathon Corp
MARASPERSE: Dispersing Agent & Emulsion Stabilizers—Marathon Corp
MARATAN: Tanning Extracts—Marathon Corp
MARBLETTE: Products—Marblette Corp
MARBON: Resins—Marbon Corp
MARBON 8000: Resins, Rubber—Marbon Corp
MARBON 9200: Resins, Synthetic—Marbon Corp
MARCO: Products—Maher Color & Chem Co
MARCOL: Oils, White—Esso Standard Oil Co
MARCY: Mills—Mine & Smelter Supply Co
MARINCO 50/50: Magnesium Carbonate & Calcium Carbonate—Marine Magnesium Products Div
MARINE: Cements, Gasket—L W Ferdinand & Co
MARINE: Cups, Grease—Lunkenheimer Co
MARK: Stabilizers, Vinyl Resin—Argus Chem Lab
MARLATE: Insecticides, Methoxychlor—E I du Pont de Nemours & Co, Grasselli Chem Dept
MAR-NOT: Varnishes—Sherwin-Williams Co
MAR-VIN: Products—E F Drew & Co
MARVINOL: Resins, Polyvinyl Chloride—Naugatuck Chem Div
MASHEEN: Degreasers—Fuld Bros
MASSCO: Crushers—Mine & Smelter Supply Co
MASSCO-McCOOL: Pulverizers—Mine & Smelter Supply Co
MASS-FLO: Conveyor-Elevators—Jeffrey Mfg Co
MASTER: Barrels, Drum & Pails—Master Package Corp
MASTER: Products—Lewis-Shepard Products
MASTER MIX: Concentrates & Feeds—Central Soya Co
MASTER PILOT: Valves—William Powell Co
MASTERS: Metallic Compounds—James K Harbinson & Co
MASTOLYN: Resins—Hercules Powder Co
MATAWAN: Cleaners & Solvents—Hanson-Van Winkle-Munning Co
MATTONA: Finishes, Wall, Rubberized—McDougall Butler Co
MAXITOL #10: Protective Agents, Wool—Dexter Chem Corp
MAY: Dyestuffs—Otto B May
MAYPON: Detergents, Synthetic—Maywood Chem Works
MAYVAT: Dyes, Vat—Otto B May
MAZIC BRIGHT: Plating Processes—Hanson-Van Winkle-Munning Co
McCULLY: Elevators, Screens & Crushers, Gyratory—Allis-Chalmers Mfg Co
McDOUGALL: Furnaces, Roasting, Multiple Hearth—Allis-Chalmers Mfg Co
MEARLCRETE: Air-Entraining Agents, Concrete—Mearl Corp
MEARLFOAM: Fire Extinguisher Charges—Mearl Corp
MEARLMAID: Pearl Essence—Mearl Corp
MECCA: Cups, Grease—William Powell Co
MEDIALAN: Fulling Compounds—General Dyestuff Corp
MEDICOL: Oil, Mineral, White—Sherwood Refining Co
MEGGER: Instruments, Measuring, Electrical Resistance—James G Biddle Co
MEI-WEI-FEN: Monosodium Glutamate—International Minerals & Chem Corp, Amino Products Div
MELEINE: Inhibitors, Gas Fading—Jacques Wolf & Co
MELETRON: Switches, Pressure Actuated—Barksdale Valves
MELHI: Resins—Hercules Powder Co
MELLO-NEATS: Fat Liquors—Kehew-Bradley Co
MELLOSTRINE: Water Repellents, Textile—Nyanza Color & Chem Co
MELMAC: Products—American Cyanamid Co, Plastics & Resins Div
MELOJEL: Starches—National Starch Products
MELSAN: Fungicides—E I du Pont de Nemours & Co, Grasselli Chem Dept
MELTOPAX: Products—Titanium Alloy Mfg Div
MELURAC: Products—American Cyanamid Co, Plastics & Resins Div
MENTOR: Detergents—Colgate-Palmolive-Peet Co
MENTOR: Oils, Absorption—Esso Standard Oil Co
MERCIL: Apparatus, Plating—Hanson-Van Winkle-Munning Co
MERCO: Centrifuges—Merco Centrifugal Co
MERCOLENE: Oils, Mercerizing—Titan Chem Products
MERC-TO-MERC: Switches, Mercury—Precision Scientific Co
MERGAMMA: Disinfectants, Seed—Chipman Chem Co
MERIT: Oil, Wheat Germ—General Mills, Special Commodities Div
MERLON: Textile Specialties—Merrimac Div, Monsanto Chem Co
MERPENOL: Assistants, Mercerizing—Jacques Wolf & Co
MERPENTINE: Scouring Compounds—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
MERPOL: Assistants, Kier—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
MERRILLITE: Zinc Dust—Metals Disintegrating Co
MERSIZE: Sizes, Paper—Merrimac Div, Monsanto Chem Co
MERSOLITE: Phenyl Mercuric Acetate—F W Berk & Co
MERSOLITE: Salts, Phenyl Mercuric—Berkshire Chem
MERSOLITES: Products—F W Berk & Co, Coast Chem Div
MERSYNATE: Preventives, Slime—Gallowhur Chem Corp
MERTANOL: Tanning, Synthetic—Merrimac Div, Monsanto Chem Co
MERTONE: Coatings, Paper—Merrimac Div, Monsanto Chem Co
MET: Cleaners, Alkali—Diamond Alkali Co
META-CLEEN: Products—Nieico Chem
METAFOS: Products—Rumford Chem Works
METALAN: Dyes, Chrome—General Dyestuff Corp
METALBRITE: Cleaners—Chemical Specialties Co
METALEAD: Grease Bases—Metasap Chem Co
METALEAD: Metals, Powder—Metalead Products Corp
METALLAC: Zinc Stearate—Metasap Chem Co
METALLO: Products—Metallo Gasket Co
METALUX: Pastes, Silver—Uncle Sam Chem Co
METALWELD: Products—Metalweld Inc
METALWELD PLASTICOTE: Linings, Tank, Hot Water—Metalweld Inc
METALYN: Resinous Materials, Semi-Liquid—Hercules Powder Co
METAMETER: Telemeters, Electric—Bristol Co
METAMINE: Dyes, Acid—Nyanza Color & Chem Co
METAPHONE: Telemeters—Bristol Co
METASAP: Soaps, Metallic—Metasap Chem Co
METAVANE: Transmission, Pneumatic—Bristol Co
METAVIS: Grease Bases—Metasap Chem Co
METEOR: Dishwashing Compounds, Stain-Removing—Utility Chem Co
METHACROL: Resins, Synthetic & Dispersions—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
METHAFLEX: Sheet, Methacrylate, Extruded—Plax Corp
METHASAN: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
METHAZATE: Accelerators for Rubber—Naugatuck Chem Div
METHIACIL: 6-Methylthiouracil—Schwarz Labs
METHOCEL: Methocellulose—Dow Chem Co
METHOX: Plasticizers, Phthalate—Ohio-Apex Inc Div
METHOXO: Insecticides—Miller Products Co
METHOXONE: Weed Killers—Chipman Chem Co
METHYL CHEMOSEPT: Products—Chemo Puro Mfg Corp
METLA-COTA: Boiler Feed Water Treatment—State Mfg Co
MET-L-X: Powders, Dry for Extinguishing Metal Fires—Ansul Chem Co
METSO: Sodium Metasilicate & Sodium Sesquisilicate—Philadelphia Quartz Co of Cal
METSO 99: Sodium Sesquisilicate—Philadelphia Quartz Co
METSO 200: Sodium Sesquisilicate—Philadelphia Quartz Co
METTANOL: Wetting Agents—F M Speekman Co
MEXI-KOMO: Mixtures, Fire Clay—A P Green Fire Brick Co
MEX-KO: Brick, Refractory—A P Green Fire Brick Co
MICARTA: Plastic Products—Westinghouse Elec Corp
MICHELENE: Surface Active Agents—M Michel & Co
MICROACT: Controllers, Potentiometer Pyrometer—Bristol Co
MICROCARB: Control, Carbon Concentration—Leeds & Northrup Co
MICROCOP: Fungicides—Miller Products Co
MICRO-CRATER: Sulphur—Miller Products Co
MICRO-FAST: Greens, Chrome, Permanent—Sherwin-Williams Co
MICRO-FEEDER: Feeders, Liquid—% Proportioneers Inc
MICROFLASH: Stroboscopes—General Radio Co
MICRO-KLEAN: Filters—Cuno Engrg Corp
MICRO-LATCH: Terminals, Separable—Minneapolis-Honeywell Regulator Co, Micro Switch Div
MICRO-LIMIT: Switches, Precision Limit—Minneapolis-Honeywell Regulator Co, Micro Switch Div
MICROLIN: Sodium Hypochlorite Solutions—Dehls & Stein
MICROLITE: Wool Insulating, Glass Fibre—Glass Fibres Inc
MICROMAX: Recorders & Controllers—Leeds & Northrup Co
MICRONE: Products—National Biochem Co
MICRO NU-COP: Copper Fungicides—Faesy & Besthoff
MICROROLD: Flat Rolled Stainless—Washington Steel Corp
MICRO-SET: Controls, Vacuum—Precision Scientific Co
MICRO-SHOT: Pumps, Diaphragm—% Proportioneers Inc %
MICROTALC: Talc—Southern California Minerals Co
MICROTESTER: Products—Simpson Elec Co
MICRO-TEX: Colors, Dry, Red—Sherwin-Williams Co
MICROTRIP: Controls, Safety Device—Minneapolis-Honeywell Regulator Co, Micro Switch Div
MIDDY: Lubricators—William Powell Co
MIDLAND VAT BLUE R: Dyes, Vat—Dow Chem Co
MIKE SULFUR: Fungicides—Dow Chem Co
MIKRO-ATOMIZER: Pulverizers—Pulverizing Machy Co
MIKRO-COLLECTOR: Dust Collecting Systems—Pulverizing Machy Co
MIKRO-CONVEYOR: Air Conveying Systems—Pulverizing Machy Co
MIKRO-PULVERIZER: Pulverizers—Pulverizing Machy Co
MILBAN: Anti-Mildew Agents—E I du Pont de Nemours & Co, Grasselli Chem Dept
MIL-DU-RID: Mildew Preventives, Textile—Ultra Chem Works
MILLER'S: Insecticides—Miller Products Co
MILLICAL: Calcium Carbonate, Precipitated—Diamond Alkali Co
MILLISADIC: Convertors, Digital—Consolidated Engr Corp
MILLS: Thermoplastics, Molded—Elmer E Mills Corp
MILLSPLASTIC: Products—Elmer E Mills Corp
MILMER: Fungicides & Preservatives—Monsanto Chem Co, Organic Chem Div
MILWAUKEE: Machines, Bottle Filling—Cherry-Burrell Corp
MINERALITE: Mica—Mineralite Sales Corp
MINERALKOTE: Foundry Core Wash—Mineralite Sales Corp
MINI-CAL: Laboratory Distilling Apparatus—Podbielniak, Inc
MINICORDER: Recorders, Miniature—Dickson Co
MINI-LINE: Controls, Pneumatic—Bailey Meter Co
MINIM-ICER: Louvers—J F Pritchard & Co
MINIPUMP: Pumps, Volume, Small Capacity Controlled—Milton Roy Co
MINIT KOTE: Products—Klem Chem
MIN-KREME: Cleaners, Paste—Utility Chem Co
MINUCLEIN: Nucleates, Tonic—Schawrz Labs
MIRACLE: Boiler Compounds—George Pfau's Sons Co
MIRACLE HAMMER: Crushers—Jeffrey Mfg Co
MIRACLE RED: Paints, For Rusted Metal Surfaces—Debevoise Co
MIR-A-KOTE: Products—Kleen-Kote Co
MIRANOL: Surface Active Agents—Miranol Chem Co
MIRAPON: Surface Active Agents—Miranol Chem Co
MIRASOL: Resins, Synthetic—C J Osborn Co
MIROTO: Inks, Rotogravure, Naphtha—Gotham Ink & Color Co
MIROX: Zirconium Silicate—Metal & Thermit Corp
MIRROSCOPE: Products—Simpson Elec Co
MISMO: Wax, Bees, Synthetic—International Wax Refining Corp
MISSISSIPPI: Calcium Carbonate—Mississippi Lime Products
MISTOFUME: Insecticides—S B Penick & Co
MISTRAP: Scrubbers, Gas—J F Pritchard & Co
MITCO GRATING: Products—Hendrick Mfg Co
MITI-MITE: Cranes, Truck—Harnischfeger Corp
MIXCO: Mixers & Agitation Engineers, Fluid—Mixing Equipment Co
MIXJECTORS: Mixers, Gas-Air—Bryant Industrial Div
MIZZOU: Brick, Refractory—A P Green Fire Brick Co
MODEL: Products—Port Huron Detergent Co
MODEL CT: Cooling Towers—McQuay, Inc
MODEL E: Condensers, Evaporative—McQuay, Inc
MODEL STAR: Valves—William Powell Co
MODICOL: Stabilizers (Latex)—Nopco Chem Co
MODIPHATS: Acids, Fatty—General Mills, Chem Div
MODULEX: Carbon Black—J M Huber Corp
MOELLER: Products—Moeller Instrument Co
MOGUL: Channel Black—Godfrey L Cabot
MOGUL: Cups, Grease—William Powell Co
MOHAWK: Soaps, Flakes, Neutral—Swift & Co
MOISTOL: Penetrants, Textile—Standard Chem Products
MOISTURE REGISTER: Products—Moisture Register Co
MOISTURIMETER: Apparatus, Test—Scientific Glass Apparatus Co
MOLLESCAL: Wetting Agents—General Dyestuff Corp
MONALIT: Yarn Conditioning Chemicals—Mona Industries
MONAMERCE: Penetrants, Textile Mercerizing—Mona Industries
MONAMINE: Wetting Agents & Detergents—Mona Industries
MONARCH: Belt & Hose—Hewitt-Robins
MONARCH: Channel Black—Godfrey L Cabot
MONARCH: Products—Wasco Engrg Corp
MONARCH: Wheels—Hanson-Van Winkle-Munning Co
MONASOL: Waxes, Textile—Mona Industries
MONASTRAL: Colors, Ink & Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
MONATERGE: Detergents, Paste, Textile—Mona Industries
MONATONE: Boil-Off Compounds, Textile—Mona Industries
MONAX: Products—Bareco Oil Co
MONEX: Accelerators for Rubber—Naugatuck Chem Div
MONGOL: Varnishes—Baer Bros
MONKEY GRIP: Gloves, Plastic—Edmont Mfg Co
MONOBED: Resins, Ion Exchange—Rohm & Haas Co
MONOBLOC: Pumps, Centrifugal—Worthington Corp
MONOCHROME: Dyes, Chrome—General Dyestuff Corp
MONOCOL: Glycols, Ethylene & Propylene, Mixed—Wyandotte Chem Corp
MONOFRAX: Refractories, Cast, Fused—Carborundum Co
MONOFYZ: Electrocleaners, Metal—Linick Chem Co
MONOGOGGLE: Goggles—Willson Products
MONOPENTEK: Monopentaerythritol—Heyden Chem Corp
MONOPLEX: Plasticizers, Monomeric—Rohm & Haas Co
MONOPOLE OIL: Finishes, Leather—Jacques Wolf & Co
MONOSULPH: Oil, Castor, Sulfated—Nopco Chem Co
MONO THIURAD: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
MONOWAX: Products—Bareco Oil Co
MONSANTO DETERGENT MXP: Detergents, Synthetic—Monsanto Chem Co, Phosphate Div
MONTAR: Resins, Synthetic—Monsanto Chem Co, Phosphate Div
MONTREAL: Flavors, Pale Dry—V & E Kohnstamm
MONT ROK: Products—Adelphi Paint & Color Works
MONTY: Wax, Montan, Synthetic—Witco Chem Co
MOREA: Products—Feed Service Corp
MORECROP: Lime, Agricultural—Moores Lime Co
MORFEX: Accelerators for Rubber—Naugatuck Chem Div
MORFLEX: Glue, Flexible—Swift & Co
MORLEX: Inhibitors, Corrosion—Carbide & Carbon Chem Co Div
MORRO RED OIL: Soaps, Flakes—Swift & Co

MOTHEX: Mothproofing—Titan Chem Products
MOTHLURO: Insecticides—Miller Products Co
MOTHOMAT: Blocks, Moth—Uncle Sam Chem Co
MOTODRIVE: Products—Reeves Pulley Co
MOTORMATIC: Mechanisms for Adjustable Blade Turbine Runners—Allis-Chalmers Mfg Co
MOTOROL: Products—New York & New Jersey Lubricant Co
MOTOR RYTHM: Lubricants—R M Hollingshead Corp
MOTOSTEEL: Motors, Valve, Air-Operated—Taylor Instrument Cos
MOUAT: Specialties, Heating—C E Squires Co
MOVIETONE LACQUER: Inks, Marking, Cellulose—Rosco Labs
MOYNO: Pumps—Robbins & Myers Co
MOYTOL: Penetrants, Textile—Standard Chem Products
MULLFRAX: Refractories, Furnace Electric—Carborundum Co
MULSOR: Products—Synthetic Chem
MULTI-BAG: Fliters, Dust—Dracco Corp
MULTIBRAID: Filter Cloth, Metallic—Multi-Metal Wire Cloth Co
MULTICIDE: DDT Concentrates—McLaughlin Gormley King Co
MULTI-CLEAN: Products—Multi-Clean Products
MULTICLONE: Collectors, Mechanical—Western Precipitation Co
MULTICOLOR: Products—Fred'k A Stresen-Reuter
MULTI-DUTY: Filters, Air—American Air Filter Co
MULTIFLEX: Calcium Carbonate, Precipitated—Diamond Alkali Co
MULTIFOS: Phosphate, Defluorinated—International Minerals & Chem Corp, Phosphate Div
MULTIFTEX: Products—Speer Carbon Co
MULTILEAF: Leaves, Filter—Multi-Metal Wire Cloth Co
MULTI-LUBER: Systems, Lube—Lincoln Engrg Co
MULTIPLATE: Plates, Frame Press—Multi-Metal Wire Cloth Co
MULTIPLE UNIT: Products—Hevi Duty Elec Co
MULTISOURCE: Equipment, Excitation—Applied Research Labs
MULTI-TROL: Receivers-Controllers—Fisher Governor Co
MULTITWIST: Wires, Cabled—Multi-Metal Wire Cloth Co
MULTI-VATOR: Elevators, Bucket—Beaumont Birch Co
MULTI-V-DRIVE-POWER TRANSMISSION: Drives, V-Belt—Worthington Corp
MULTI-WAVE: Brushes & Buffs—Hanson-Van Winkle-Munning Co
MULTIWAX: Wax, Microcrystalline—Petroleum Specialties
MULTUMITE: Products—I T E Circuit Breaker Co
MUNNING: Conveyors—Hanson-Van Winkle-Munning Co
MURCO: Products—D J Murray Mfg Co
MURO-ROC: Paints, Textural—A Adler & Son
MURPHY PROCESS: Lubricants—Murphy-Phoenix Co & Phoenix Oil Co
MURPHY'S: Soap, Oil—Murphy-Phoenix Co & Phoenix Oil Co
MYCOBAN: Calcium Propionate & Sodium Propionate—E I du Pont de Nemours & Co, Polychem Dept
MYLASE: Enzymes, Industrial—Wallerstein Co
MYVA-DRY: Vitamin Preparations—Distillation Products Industries Div
MYVARINE: Oil, Devitamized Shark Liver—Distillation Products Industries Div
MYVAX: Vitamin A, Synthetic—Distillation Products Industries Div
MYVEROL: Monoglycerides, Distilled—Distillation Products Industries Div
MYVOIL: Fats, Edible—Distillation Products Industries Div

N

N: Sodium Silicate—Philadelphia Quartz Co
N M D: Valves, Globe, Angle, Check—Lunkenheimer Co
NNO: Chemicals, Agricultural—Atlas Powder Co
NNOP: Chemicals, Agricultural—Atlas Powder Co
NNOR: Chemicals, Agricultural—Atlas Powder Co
NO-D-K: Preservatives, Wood—Eastman Chem Products
N R PLIOLITE: Resins, Rubber—Goodyear Tire & Rubber Co
N-Z-AMINE: Hydrolysate—Sheffield Chem Co
N-Z-CASE: Peptone—Sheffield Chem Co
N-Z-TONE: Peptone—Sheffield Chem Co
NABS OYLE: Products—Diversey Corp
NACCO: Products—National Chem Co
NACROMER: Pearl Essence, Synthetic—Mearl Corp
NADEX: Finishes, Textile & Starches, Paper—National Starch Products
NAIROIL: Burners, Oil, Automatic—National Airoil Burner Co
NAKTA: Greases—Esso Standard Oil Co
NALCO: Soldering Flux—Morris P Kirk & Son
NALEX: Finishes, Textile—National Starch Products
NAMOLD: Products—National Molded Piping Distributors
NAPENTA: Preservatives, Wood—Miller Products Co
NAPHTHOL: Mothballs & Flakes—Naphthalene Products Co
NAPHTHOL MINERAL SPIRITS: Solvents, Petroleum—American Mineral Spirits Co
NAPHTYLAMINE: Dyes, Acid—General Dyestuff Corp
NAPTHOLE: Products—E F Drew & Co
NARCO: Products—North American Refractories Co
NATAC: Chemicals, Rubber—J M Huber Corp
NATIONAL: Adhesives & Starches—National Starch Products
NATIONAL: Ammonia, Anhydrous & Aqua—E I du Pont de Nemours & Co, Polychem Dept
NATIONAL: Equipment, Auxiliary—Simpson Mix Muller Div
NATIONAL: Products—National Tube Div, U S Steel Co
NATIONAL: Products—National Zinc Co
NATIONAL: Tanks & Pipe—National Tank & Pipe Div
NATRASOL: Ethers, Cellulose, Alkali-Soluble—Hercules Powder Co
NAUGAROMES: Deodorants—Naugatuck Aromatics
NAUGATEX: Compounding Ingredients for Latices—Naugatuck Chem Div
NAUGATUCK: Plasticizers, Resin—Naugatuck Chem Div
NAXONATE: Sodium Xylenesulfonate—Wyandotte Chem Corp
NEBONY: Resins, Hydrocarbon—Neville Co
NECTON: Oil, Process—Esso Standard Oil Co
NEELIUM: Coatings, Rubber—Atlas Mineral Products Co
NEETOL: Fat Liquors—Diamond Alkali Co
NEGAMINE: Products—Synthetic Chem
NEILLITE: Molding Materials, Plastic—Watertown Mfg Co
NEKAL: Wetting Agents—General Dyestuff Corp
NEOBON: Coatings, Acid & Alkali-Proof—Atlas Mineral Products Co
NEOBON TROWEL CEMENT: Putty, Rubber—Atlas Mineral Products Co
NEO-FATS: Fatty Acids—Armour Chem Div
NEOLYN: Resins—Hercules Powder Co
NEOMERPIN: Penetrants—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
NEOPONES: Ethylene Oxide Condensates—Ultra Chem Works
NEOPRESS: Products—Loven Chem of Cal
NEOROTO: Inks, Rotogravure, Lacquer Type—Gotham Ink & Color Co
NEOSEPT: Quaternary Ammonium Compounds—F M Speekman Co
NEO-SHINE: Waxes, Floor—Huntington Labs
NEOSOL: Alcohol, Denatured—Shell Chem Corp
NEOTOLYL: Dyes, Acid—General Dyestuff Corp
NEO-TONE: Sours, Laundry—Diamond Alkali Co
NEOTRAN: Insecticides—Dow Chem Co
NEOX: Gloves, Coated—Edmont Mfg Co
NEOZONE: Anti-Oxidants, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
NEPERA: Products—Nepera International Corp
NEPTUNE: Dyes, Acid—General Dyestuff Corp
NEPTUNE: Lubricators—William Powell Co
NEPTUNE: Oils—Cities Service Petroleum
NEPTUNE: Products—Neptune Pump Mfg Co
NEROL: Dyes, Acid—General Dyestuff Corp
NEROSOL: Aromatics, Synthetic—Dow Chem Co
NESSLERIMETER: Instruments, Testing—Fisher Scientific Co
NETT-CO: Products—New England Tank & Tower Co
NEUTRAGLAS: Bottles, Serum—Owens-Illinois Glass Co
NEUTRA-GLOSS: Waxes, Floor—Du Bois Co
NEUTRALAVE: Cleaners, Floor—Du Bois Co
NEUTRICH: Detergents, Non-Ionic—Siegel Chem Co
NEUTRIGAN: Neutralizers—General Dyestuff Corp
NEUTROL: Adsorbents, Clays & Bleaches, Oil—Filtrol Corp
NEUTROLENE: Stuffing Compounds, Leather—Diamond Alkali Co
NEUTHOLEUM: Deodorants—Fritzsche Bros
NEUTROSCENT: Deodorants—Fritzsche Bros
NEVASOTA: Oil, Creosote—Neville Co
NEVERDUST: Sweeping Compounds—Jno C F Snyder & Sons
NEVILLAC: Resins, Phenol-Modified—Neville Co
NEVILLE: Products—Neville Co
NEVINDENE: Resins, p-Coumarone—Neville Co
NEVINOL: Oils, Plasticizing—Neville Co
NEVITE: Sodas, Laundry—Diamond Alkali Co
NEVOLL: Compounding Materials, Rubber—Neville Co
NEVSOLV: Solvents, Semi-Aromatic—Neville Co
NEVTAR: Paints, Coal-Tar—Neville Co
NEVTEX: Resins, Modified p-Coumarone—Neville Co
NEW ENGLAND: Cleaners—Hanson-Van Winkle-Munning Co
NEWARK: Products—Newark Wire Cloth Co
NEWHOUSE: Crushers, Gyratory Reduction—Allis-Chalmers Mfg Co
NEW M-1: Carbon Black—United Carbon Co
NEW PROCESS: Casein—Sheffield Chem Co
NEW STAR: Inks, Printing—Braden Sutphin Ink Co
NEW STYLE LAP-LOX: Copings, Wall, Clay, Vitrified—Robinson Clay Products Co
NIACET: Chemicals—Carbide & Carbon Chem Co Div
NIAGARA: Products—Buffalo Meter Co
NIAGATHAL: Tetrachlorophthalic Anhydride—Niagara Alkali Co
NIALK: Products—Niagara Alkali Co
NIAPROOF: Powders, Aluminum Acetate—Carbide & Carbon Chem Co Div
NIAX: Chemicals—Carbide & Carbon Chem Co Div
NICHOLS: Dryers, Burners, Furnaces, Incinerators, etc—Nichols Engrg & Research Corp
NICHOLS DUOHEARTH: Incinerators—Nichols Engrg & Research Corp
NICHOLS FREEMAN: Roasters & Classifiers—Nichols Engrg & Research Corp
NICHOLS HERRESHOFF: Incinerators, Sewage Sludge & Furnaces, Calcining & Drying—Nichols Engrg & Research Corp
NICHOLS MONOHEARTH: Incinerators, Refuse—Nichols Engrg & Research Corp
NICLOY: Pipe & Tubing—Babcock & Wilcox Co
NICOTROL: Insecticide Carriers (with Nicotine)—Kay Fries Chem
NICROBRAZ: Products—Wall Colmonoy Corp
NIELCO: Cleaners, Alkali—Nielco Chem
NIEL-COAT: Primers, Rust Preventative (Ferrous Metal)—Nielco Chem
NIELITE: Acid, Corrosion Control—Nielco Chem
NIFOS: Insecticides, T—Monsanto Chem Co, Organic Chem Div
NIGROSINE: Dyes, Acid—General Dyestuff Corp
NILE: Dyes, Basic—General Dyestuff Corp
NILES: Containers, Steel—Republic Steel Corp, Pressed Steel Div
NIMCO: Products—N I Malmstrom & Co
NINEX: Detergents—Ninol Labs
NINOL: Detergents, Emulsifiers, Wetting Agents—Ninol Labs
NIOX: Ammonium—E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales
NIOX: Ammonium Nitrate—E I du Pont de Nemours & Co, Explosives Dept
NIRAN: Insecticides—Monsanto Chem Co, Organic Chem Div
NIRODOL: Dyes, Basic—General Dyestuff Corp
NITREX: Butadiene, Acrylonitrile Copolymer Latex—Naugatuck Chem Div
NITROCOL: Pigments, Dispersed—C J Osborn Co
NITRON: Cellulose Nitrate—Monsanto Chem Co, Plastics Div
NITRO-VITA: Fertilizers—Carnegie Chem Mfg Co
NO-CAST: Compositions—Hanson-Van Winkle-Munning Co
NOCHLOR: Anti-Chlorine Agents—H Kohnstamm & Co
NOCLAMP: Glue—Monsanto Chem Co, Western Div
NOCORDAL: Heaters, Impervious Graphite (Immersion & Heat Exchangers)—Heil Process Equipment Corp
NO GREEN: Fertilizers, Compound—E I du Pont de Nemours & Co, Polychem Dept
NO-LUB: Joints, Ground Glass—Scientific Glass Apparatus Co
NOMOLD: Mildew Preventives, Textile—H Kohnstamm & Co
NON-FER-AL: Calcium Carbonate, Precipitated—Diamond Alkali Co
NON-FLUID OIL: Products—New York & New Jersey Lubricant Co
NONISOLS: Fatty Esters—Alrose Chem Co
NON-SCRATCH: Inks, Printing—Braden Sutphin Ink Co
NO-ODOROL: Finishes, Textile—American Cyanamid Co, Industrial Chem Div
NO-OX-ID: Coatings, Pipe, Anti-Rust Compounds & Anti-Corrosion Agents—Dearborn Chem Co
NO-OX-ID-IZED: Wrappers, Pipe, Corrosion—Inhibiting & Protective—Dearborn Chem Co
NOPALCOL: Emulsifiers—Nopco Chem Co
NOPCO: Surface Active Agents—Nopco Chem Co
NOPCO KF: Defoamers—Nopco Chem Co
NOPCOCOD: Fat Liquors—Nopco Chem Co
NOPCOGEN: Surface Active Agents, Cationic—Nopco Chem Co
NOPCOL: Leather, Sponging Compounds—Nopco Chem Co
NOPCOLENE: Fat Liquors—Nopco Chem Co
NOPCONE: Oils, Textile (Coning)—Nopco Chem Co
NOPCOSORB: Emulsifiers—Nopco Chem Co
NOPCOV: Oil, Textile—Nopco Chem Co
NOPCOWET: Wetting Agents—Nopco Chem Co
NOPCOWITE: Fat Liquors—Nopco Chem Co
NORBLO: Products—Northern Blower Co
NORCO: Barrels, Wooden—Northern Cooperage Co
NORDBERG: Products—Nordberg Mfg Co
NORDSTROM: Products—Rockwell Mfg Co
NORDYKE: Machinery, Flour, Feed & Cereal Mill—Allis-Chalmers Mfg Co
NORIT: Carbon, Activated—L A Salomon & Bro
18% NORMAL: Superphosphate—American Agricultural Chem Co
NORMAX: Glassware, Laboratory—Owens-Illinois Glass Co
NORTH STAR: Dressings, Belt—American Lanolin Corp
NORTH STAR: Oils—Cities Service Petroleum
NORTHWESTERN: Sodium Chloride—Cutler-Magner Co
NORVA: Greases, High Temperature—Esso Standard Oil Co
NORWALK: Products—Norwalk Co
NOR'WAY: Automobile Specialties & Anti-Freeze, Methanol—Commercial Solvents Corp
NOR'WAY DRY-EX: Automobile Specialties—Commercial Solvents Corp
NO 1 SAVAGE: Fire-Brick—Robinson Clay Product Co
NOSCALE: Conditioners, Water—Flexoid Products
NO-TARE: Tape, Gummed—Gilman Paper Co
NOVAGEN: Dyes, Azoic—Nova Chem Corp
NOVANTHRENE: Dyes, Vat—Nova Chem Corp
NOVEX: Products—Diversey Corp
NOWLINS: Sprays, Disinfectants & Waxes—Nowlin Co
NOWLINS FORMULA 10: Products—Nowlin Co
NOX-KWIK: Insecticides—United States Sanitary Specialties Corp
NOX-RUST: Rustproofing Compounds—Nox-Rust Chem Corp
NOZZLE-MATIC: Separators—De Laval Separator Co
NUBA: Resins, Hydrocarbon—Neville Co
NUCHAR: Carbon, Activated—West Virginia Pulp & Paper Co
NUFAB: Paints, Synthetic Latex—Adhesive Products Corp
NU-GLO: Polishes, Furniture (Silicone)—Uncle Sam Chem Co
NUGREEN: Fertilizer Compounds—E I du Pont de Nemours & Co, Polychem Dept
NU-HYDE: Coatings, Paint—A Adler & Son
NUKEM ALL-PURPOSE: Cements, Resinous—Nukem Products Corp
NUKEMITE: Coatings, Acid-Proof & Alkali-Proof—Nukem Products Corp
NULLAFOAM: Anti-Foaming Compounds—General Dyestuff Corp
NULLAPON: Sequestering Agents—General Dyestuff Corp
NULLMATIC: Products—Moore Products Co
NUODEX: Driers, Paint & Varnish—Nuodex Products Co
NUOGEL: Thickening Agents—Nuodex Products Co
NUOLATE: Driers, Paint & Varnish—Nuodex Products Co
NUOMIX: Dispersing Agents, Pigment—Nuodex Products Co
NU STEEL: Products—Nu Steel Co
NUTRICOD: Oils, Leather—E F Houghton & Co
NUTROSAN: Detergents, Textile—Nyanza Color & Chem Co
NU-TROX: Opacifiers, Glaze, Zirconium—Metal & Thermit Corp
NUVA: Assistants, Kier—General Dyestuff Corp

NU-WAY: Products—Davies-Young Soap Co
NYAMINE: Softeners, Textile—Nyanza Color & Chem Co
NYANZA: Dyes, Direct—Nyanza Color & Chem Co
NYANZOL: Dyes, Fur—Nyanza Color & Chem Co
NYASOL: Dyes, Acid (Metallized)—Nyanza Color & Chem Co
NYLITON: Dyes, Acid—General Dyestuff Corp
NYTAL: Talc—R T Vanderbilt Co
NYTRON: Surface Active Agents & Detergents, Organic, Synthetic—Allied Chem & Dye Corp, Nitrogen Div

O

O-B: Cleaners—Central O-B Products Co
OIC: Products—Ohio Injector Co
O SPOTTER: Removers, Stain—H Kohnstamm & Co
OAKITE: Products—Oakite Products
OBLITO: Removers, Stain—H Kohnstamm & Co
O'BOY: Cleaners, Hand, Waterless—Utility Chem Co
OCECO: Fittings, Tank—Johnston & Jennings Co
OCTAGON: Soap—Colgate-Palmolive-Peet Co
OCTAGON: Waxes, Medicines, Food Products, Etc—S B Penick & Co
OCTO-PAK: Laboratory Column Packing—Podbielniak, Inc
OHIO AGRICULTURAL LIME: Dolomite—Ohio Hydrate & Supply Co
OHIO STEEL: Containers, Shipping—Ohio Corrugating Co
OHIO SUPERSPRAY LIME: Diluents—Ohio Hydrate & Supply Co
OHIO WHITE AUTOCLAVED LIME: Dolomite—Ohio Hydrate & Supply Co
OHIO WHITE FINISH LIME: Dolomite—Ohio Hydrate & Supply Co
OHIO WOODLAND: Fire Brick & Clay—Robinson Clay Product Co
OHOPEX: Plasticizers—Ohio Apex Inc Div
OHOPEX Q 10: Esters, Octyl Fatty Phthalic—Ohio-Apex Inc Div
OHSO PULVERIZED: Dolomite—Ohio Hydrate & Supply Co
OIL COLOR #48: Products—Patent Chem
OILDAG: Products—Acheson Colloids Co Div
OILFREAIR: Products—Pennsylvania Pump & Compressor Co
OILFREGAS: Products—Pennsylvania Pump & Compressor Co
OILITE: Metal Parts, Powdered—Amplex Mfg Co Sub
OILSORBER: Traps, Oil—J F Pritchard & Co
OITIOIL: Oil, Oiticica—Brazil Oiticica
OLATE: Soaps—Procter & Gamble Co
OLD DUTCH: Oil, Mustard Seed—Old Dutch Mustard Co
OLD STANDARD: Lamp Black, Germantown—L Martin Co
OLD STYLE PITCH: Materials, Roofing—Koppers Co, Tar Products Div
OLIBANOL: Extracts, Olibanum—P Robertet Inc
OLIVAROME: Flavorings, Olive Oil, Imitation—Florasynth Labs
OLIVER: Filters, Pressure & Drum Type—Oliver United Filters
OLIVER-AHLFORS: Screens, Pulp, Upflow Type—Oliver United Filters
OLIVER-CAMPBELL: Filters—Oliver United Filters
OLIVER CENTRICLONE: Classifiers, Centrifugal—Oliver United Filters
OLIVER HORIZONTAL: Filters—Oliver United Filters
OLIVER-MORTON: Diffusers, Beet Sugar—Oliver United Filters
OLIVER PANEL: Filters—Oliver United Filters
OLIVER PRECOAT: Filters—Oliver United Filters
OLIVER RINGVALVE: Filters—Oliver United Filters
OMYA: Whitings—Pleuss-Staufer (North American)
ONDAL: Developers, Dyeing—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
ONE POINT: Mills, Roller—Troy Engine & Mach Co
ONYXIDE: Algaecide—Onyx Oil & Chem Co
ONYXSAN: Softeners, Textile—Onyx Oil & Chem Co
OPALINE: Colors, Glass—Rosco Labs
OPALCO COMPOUNDS: Cleansers—Opalco Lab
OPALON: Vinyl Chloride—Monsanto Chem Co, Plastics Div
OPAX: Products—Titanium Alloy Mfg Div
OPENTEINE: Perfume Bases—S B Penick & Co
OPEX: Lacquers & Enamels—Sherwin-Williams Co
OPTILITE: Plastic, Optical—United States Service Co
OPTIMO: Flavors, Fruit, Synthetic—S B Penick & Co
OPTIMUS: Generators & Barrels, Plating—Hanson-Van Winkle-Munning Co
OPTIMUS: Oils—Cities Service Petroleum
ORANGE: Greases, Oil, Solid—V & E Kohnstamm
ORATOL L-48: Detergents—Jacques Wolf & Co
ORCHARD: Insecticides & Fungicides—General Chem Div
ORIFLO: Products—Builders-Providence
ORNAMETAL: Products—Hendrick Mfg Co
OROGLAS: Materials, Resinous—Rohm & Haas Co
ORONITE: Products—Oronite Chem Co
OROPON: Bates, Enzyme—Rohm & Haas Co
OROTAN: Tanning Agents, Synthetic—Rohm & Haas Co
ORTHEMUL F O: Emulsifying Agents for o-Dichlorbenzene—Fine Organics
ORTHOCHROM: Lacquers for Leather Finishing—Rohm & Haas Co
ORTHOCIDE: Captan—California Spray-Chem Corp
ORTHOCLEAR: Lacquers for Leather Finishing—Rohm & Haas Co
ORTHOLITE: Resins for Leather Finishing—Rohm & Haas Co
ORTHOL-K: Chemicals, Petroleum—California Spray-Chem Corp
ORTHOPHEN: Anti-Skinning Agents, Paints—Sharples Chem
ORTHOPHOS: Parathion—California Spray-Chem Corp
ORTHOSIL: Sodium o-Silicate—Pennsylvania Salt Mfg Co
ORVONOLE: Boil-Off Compounds—Titan Chem Products
ORVUS: Detergents—Procter & Gamble Co
ORVUS EXTRA GRANULES: Detergents, Synthetic—Procter & Gamble Co
ORVUS NEUTRAL GRANULES: Detergents, Synthetic—Procter & Gamble Co
OSAGE: Cements, Liquid—Linick Chem Co
OTTAFECT: Methyl Chlorothymol—Ottawa Chem Co
OTTASEPT: p-Chloro-m-Xylenol—Ottawa Chem Co
OVOTRAN: Miticides—Dow Chem Co
OXAF: Accelerators for Rubber—Naugatuck Chem Div
OXAMINE: Dyes, Direct—General Dyestuff Corp
OXIDEX: Anti-Oxidants—Fritzsche Bros
OXWELD: Equipment for Oxy-Acetylene Welding & Cutting—Linde Air Products Co Div
OXYCHOL: Absorption Bases—Robinson, Wagner Co
OXYDIAMINE: Dyes, Direct—General Dyestuff Corp
OXYDIAMINOGEN: Dyes, Direct—General Dyestuff Corp
OXYFUME: Fumigants—Carbide & Carbon Chem Co Div
OZARK: Brick, Refractory—A P Green Fire Brick Co
OZARK-MAHONING: Equipment, Submerged Combustion, Acids, Sulfuric and Muriatic, Sodium Sulfate & Fluorspar—Ozark-Mahoning Co
OZLO: Zinc Oxide, Leaded—Sherwin-Williams Co
OZONITE: Soaps—Procter & Gamble Co
OZONOLE: Fibres, Scour Synthetic—Titan Chem Products
OZOTEX: Wax, Microcrystalline—L A Salomon & Bro

P

PC: Blocks, Glass—Pittsburgh Corning Corp
P C & C: Products—Pittsburgh Coke & Chem Co
P & H: Products—Harnischfeger Corp
P & H HEVI-LIFT: Hoists—Harnischfeger Corp
PH-PLUS: For Control of Water Alkalinity—Mathieson Chem Corp
P & H TRAV-LIFT: Cranes—Harnischfeger Corp
P & H ZIP-LIFT: Hoists—Harnischfeger Corp
PL-24: Filters, Air—American Air Filter Co
PM: Dusting Powders, Agricultural—McLaughlin Gormley King Co
PM-90-PM-95: Cleaners, Metal—Pennsylvania Salt Mfg Co
PRF: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
PRFK: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
PR PLATING: Processes—Hanson-Van Winkle-Munning Co
PT 67: Oils, Pine—Godfrey L Cabot
PT 101: Oils, Pine Tar—Godfrey L Cabot
PT 150: Solvents, Pine—Godfrey L Cabot
PT 400: Pine Tar—Godfrey L Cabot
PT-600: Pine Tar, Medium—Godfrey L Cabot
PT 800: Pine Tar—Godfrey L Cabot
PACEMAKER: Unit Coolers—McQuay, Inc
PACEMAKER: Waxes—Cities Service Petroleum
PACEMAKER T: Oils—Cities Service Petroleum
PACIFIC: Alkali—Columbia-Southern Chem Corp Sub
PACOL: Oil, Mineral, White—Sherwood Refining Co
PADISCOL: Solvents—Lac Chem
PAINTMASTER: Pumps, Paint & Liquid—Gray Co
PAISLEY: Adhesives—Paisley Products
PAISOL: Additives, Gum, Envelope—Paisley Products
PAISPEARL: Products—Paispearl Products
PAISTEX: Cements, Latex—Paisley Products
PAISTIC: Powder, Paste—Paisley Products
PAISTICK: Paste, Office—Paisley Products
PAKICE: Products—Viliter Mfg Co
PAK-TITE: Products—American District Steam Co
PALATINE: Dyes, Acid—General Dyestuff Corp
PALATONE: Aromatics, Synthetic—Dow Chem Co
PALLETIER: Products—Crescent Truck Co Div
PALMETTO: Products—Greene, Tweed & Co
PALMOLIVE: Soap—Colgate-Palmolive-Peet Co
PAMPHLEX: Glue, Flexible—Swift & Co
PANAFLEX: Plasticizers—Pan American Chem Div
PANALARMS: Alarms—Panalarm Products
PANAPOL: Oils—Pan American Chem Div
PANAREZ: Resins—Pan American Chem Div
PANASOL: Solvents—Pan American Chem Div
PANEZE: Greases, Bakers, Thixotropic—Sterol Derivatives
PANORAM: Goggles, Safety—American Optical Co
PANTHER CREEK: Bentonite—American Colloid Co
PARA-BACO: Insecticides—Solvay Process Div
PARACIDE: p-Dichlorobenzene—Hooker Electrochem Co
PARACOIL: Products—Davis Engrg Corp
PARACOL: Sizes, Wax—Hercules Powder Co
PARACRIL: Rubber, Oil-Resistant—Naugatuck Chem Div
PARADENE: Resins, Hydrocarbon—Neville Co
PARADI: p-Dichlorobenzene—Hooker Electrochem Co
PARADOW: Insecticides—Dow Chem Co
PARADUROL: Assistants, Dyeing—General Dyestuff Corp
PARADUSTO: Insecticides—Miller Products Co
PARAFFLEX: Waxes, Polyethylene—Boter Petroleum Co
PARA FLUX: Products—C P Hall Co
PAFAGON: Clays, Rubber-Makers'—J M Huber Corp
PARAGON: Lubricators, Gas Engine—Lunkenheimer Co
PARAGRID: Towers—Delanium Carbon Corp
PARALAN: Oils, Slushing—American Lanolin Corp
PARALATE: Cleaners, Alkali—Diamond Alkali Co
PARALATRUM: Wax, Petroleum—Industrial Raw Materials Corp
PARALINE: Bases, Motor, Ball Bearing—Allis-Chalmers Mfg Co
PARAMINS: Additives, Lubricant—Enjay Co
PARAPLEX: Plasticizers, Alkyd—Rohm & Haas Co
PARA RESIN: Products—C P Hall Co
PARASEPT: Preservatives—Heyden Chem Corp
PARASOL: Nozzles, Spray—Spraying Systems Co
PARASPRA: Insecticides—Miller Products Co
PARBERK: Dithiocarbamates—F W Berk & Co
PAREX: Foundry Facing—Donald Sales & Mfg Co
PAREZ: Resins, Paper Treating—American Cyanamid Co, Industrial Chem Div
PARICIN: Fatty Acid Esters, Saturated—Baker Castor Oil Co
PARKO: Oils, Polishes & Removers—Park Chem Co
PARLIN: Rubber, Chlorinated—Hercules Powder Co
PARLODION: Pyroxylin—Mallinckrodt Chem Works
PARMO: U S P Petrolatum—Esso Standard Oil Co
PARMONE: Sprays, Hormone—E I du Pont de Nemours & Co, Grasselli Chem Dept
PARNOL: Detergents & Dispersing Agents—Jacques Wolf & Co
PAROLE: Oilers—William Powell Co
PARRAL PLASTIC: Mortar, Bonding, High Temperature—Robinson Clay Product Co
PARSTAINS: Stains, Biological—Hartman-Leddon Co
PARZATE: Fungicides, Nabam & Zineb—E I du Pont de Nemours & Co, Grasselli Chem Dept
PASILCO: Cleaners—Phiadelphia Quartz Co of Cal
PASTICK: Pastes, Library—Scriptex Products Co
PATCHTITE: Fire Brick, Plastic—Robinson Clay Product Co
PAXINOSA: Whiting—C K Williams & Co
PAXWAX: Wax, Microcrystalline—National Wax Co
PAYGEL: Starches, Wheat—General Mills, Special Commodities Div
PAYLOADER: Products—Frank G Hough Co
PEACOCK: Colors, Certified Food—Wm J Stange Co
PEAK: Anti-Freeze, Glycol—Commercial Solvents Corp
PEANUT: Switches—Minneapolis-Honeywell Regulator Co, Micro Switch Div
PEARL: Soap—Colgate-Palmolive-Peet Co
PEARLSTEARIC: Acid, Stearic—Darling & Co
PECTASIN: Enzymes—Rohm & Haas Co
PECTINOL: Enzymes, Pectic—Rohm & Haas Co
PEDRIFUGAL: Pumps—Allis-Chalmers Mfg Co
PEERLESS: Chalk & Whiting—Mississippi Lime Co
PEERLESS: Clays—R T Vanderbilt Co
PEERLESS: Pumice Stone, Italian—Charles B Chrystal Co
PEERLESS: Fans, Blowers & Motors—Peerless Elec Co
PEET'S: Soap—Colgate-Palmolive-Peet Co
PEG: Products—Glyco Products Co
PELADOW: Dehydrating Agents—Dow Chem Co
PELARGOL: Perfume Bases—Fritzsche Bros
PELLETEX: Furnace Black—Godfrey L Cabot
PELRO: Packings—Greene, Tweed & Co
PENACOLITE: Adhesives—Koppers Co, Chem Div
PENACOLITE: Adhesives, Resin—Koppers Co
PENCHLOR: Cements, Acid-Proof—Pennsylvania Salt Mfg Co
PENETHRUM: Insecticide Carriers (with Pyrethrum)—Kay-Fries Chem
PENETROL: Insecticide Carriers & Wetting Agents—Kay-Fries Chem
PENETRONE: Starches, Laundry—H Kohnstamm & Co
PENITE: Sodium Arsenite—Pennsylvania Salt Mfg Co
PEN KAY: Carburizing Compounds—Heatbath Corp
PENLO: Lubricators, Engine—Lunkenheimer Co
PENNANT: Lubricators—William Powell Co
PENNCLEAN: Cleaners, Dairy—Pennsylvania Salt Mfg Co
PENN DRAKE: Petrolatum—Pennsylvania Refining Co
PENNEX: Oil, Metal-Cutting—Esso Standard Oil Co
PENNEX: Oils, Cutting, Sulfurized—Penola Oil Co
PENN-OPTIMUS: Oils—Cities Service Petroleum
PENNOSUL: Products—Pennotex Oil Corp
PENNOWAX: Products—Pennotex Oil Corp
PENNSYLVANIA: Products—Pennsylvania Pump & Compressor Co
PENOLA: Hexane, Toluol & Xylol—Penola Oil Co
PEN-O-LED: Lubricants, E P—Esso Standard Oil Co
PENOLYN: Oils, Core—Penola Oil Co
PENOZONE: Bleaches, Laundry—Pennsylvania Salt Mfg Co
PENPHOS: Formulations, Parathion—Pennsylvania Salt Mfg Co
PENSAL: Soap Builders, Laundry—Pennsylvania Salt Mfg Co
PENSALCO: Cleaners, Boiler Tube—Pennsylvania Salt Mfg Co
PENTA: Preservatives, Wood—Chapman Chem Co
PENTA: Preservatives, Wood—Miller Products Co
PENT-ACETATE: Amyl Acetate—Sharples Chem
PENTACITE: Resins, Pentaerythritol—Reichhold Chem
PENTACIZER: Plasticizers—Heyden Chem Corp
PENTALARM: Odorants, Gas—Sharples Chem
PENTALENE: Amyl Naphthalene—Sharples Chem
PENTALYN: Resins—Hercules Powder Co
PENTAMULL: Wetting & Emulsifying Agents—Heyden Chem Corp
PENTAPHEN: p-tert-Amyl Phenol—Sharples Chem
PENTASOL: Alcohol, Amyl, Mixed Isomers—Sharples Chem
PENTAWAX: Waxes, Synthetic—Heyden Chem Corp
PENTAWR: Pentachlorophenol (with Added Water Repellents)—Chapman Chem Co
PENTECH: DDT—Pennsylvania Salt Mfg Co
PENTEK: Pentaerythritol Technical—Heyden Chem Corp
PENTEX: Accelerators for Rubber—Naugatuck Chem Div
PENTEX FLOUR: Accelerators for Rubber—Naugatuck Chem Div
PENTRATE: Rustproofing Compounds—Heatbath Corp
PENTRATE: Wetting Agents, Fire-Fighting—American-LaFrance-Foamite Corp
PEPTEX: Products—Diversey Corp
PEPTONE: Wetting & Accelerating Compounds (Pickling Acids)—Nielco Chem
PERCHLORON: Calcium Hypochlorite—Pennsylvania Salt Mfg Co
PERCLENE: Perchlorethylene—E I du Pont de Nemours & Co, Electrochem Dept
PERDOX: Sodium Borate Perhydrate—E I du Pont de Nemours & Co, Electrochem Dept
PEREGAL: Leveling Agents, Textile—General Dyestuff Corp
PERFECT: Cloth, Wire—Ludlow-Saylor Wire Co
PERFECTION: Products—Boston Woven Hose & Rubber Co
PERFECTION: Sifters—Allis-Chalmers Mfg Co

PERFECTION: Valves, Reducing—American District Steam Co
PERFLECTOL: Anti-Oxidants, Rubber—Monsanto Chem Co, Organic Chem Div
PERFLEX: Glue, Flexible—Swift & Co
PERFON: Products—Diversey Corp
PERLITE: Alkali, Industrial—H Kohnstamm & Co
PERMABOND: Adhesives, Industrial, Thermosetting—Polymer Chem Co
PERMACHROM RED: Colors, Dry, Red—Sherwin-Williams Co
PERMACIDE: Fungicides, Textile—Refined Products Corp
PERMACIDE: Preservatives, Wood—Miller Products Co
PERM-A-CLOR: Degreasing Solvents, Trichlorethylene, Stabilized—Detrex Corp
PERMADINE: Rust-Proofing Compounds—American Chem Paint Co
PERMA FIX: Fixatives, Dye—Refined Products Corp
PERMAG: Products—Magnuson Products Corp
PERMAGLO: Enamels, Air-Drying—Grand Rapids Varnish Corp
PERMA-GLO: Waxes, Floor—Fuld Bros
PERM-A-KLEEN: Perchlorethylene, Dry-cleaning Grade—Detrex Corp
PERMALENE: Inhibitors, Gas—Refined Products Corp
PERMALUX: Accelerators, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
PERMANENT ORANGE: Colors, Dry, Orange—Sherwin-Williams Co
PERMANENTE: Refractories, Brick, Mortars—Kaiser Aluminum & Chem Sales
PERMANSA GREEN: Colors, Dry, Green—Sherwin-Williams Co
PERMANSA ORANGE: Colors, Dry, Orange—Sherwin-Williams Co
PERMANSA RED: Colors, Dry, Red—Sherwin-Williams Co
PERMANSA YELLOW: Colors, Dry, Hansa Yellow—Sherwin-Williams Co
PERMA PAR K: Detergents—Refined Products Corp
PERMA PAR R: Agents, Finishing—Refined Products Corp
PERMAS: Weights, Analytical—Fisher Scientific Co
PERMASEAL: Asbestos—Chicago Gasket Co
PERMA SET: Resins, Textile—Refined Products Corp
PERMA TERGE: Detergents—Refined Products Corp
PERMATOX 10-S: Sodium Pentachlorophenate & Borax—Chapman Chem Co
PERMAWELD: Adhesives, Industrial, Synthetic—Polymer Chem Co
PERMA WET: Wetting Agents—Refined Products Corp
PERMITE: Preservatives, Wood—F M Speekman Co
PERMODIP: Preservatives, Wood—E & F King & Co
PERMOLITH: Lithopone—Sherwin-Williams Co
PERMUTIT Q: Products—Permutit Co
PERO-KOTE: Anti-Corrosion Agents & Coatings, Tank—Perolin Co
PEROLIN: Anti-Carbonizing Compounds & Anti-Corrosion Agents—Perolin Co
PERONE: Hydrogen Peroxide—E I du Pont de Nemours & Co, Electrochem Dept
PERONITE: Additives, Fuel Oil—Perolin Co
PERSISTO: DDT—California Spray-Chem Co
PERUVIOL: Extracts, Peru—P Robertet Inc
PESTAWAY: DDT Insect Sprays—Uncle Sam Chem Co
PESTENE: DDT Sprays—Uncle Sam Chem Co
PESTFRE: Insecticides—Miller Products Co
PESTMASTER: Insecticides—Michigan Chem Corp
PETREX: Resins—Hercules Powder Co
PETRO-CHEM ISO-FLOW: Furnaces-Petro—Chem Development Co
PETROFLEX: Conditioners, Oil, Combustion—Flexoid Products
PETROHOL: Alcohol, Isopropyl—Enjay Co
PETROL: Products—Patent Chem
PETROL: Valves, Lever Operated—William Powell Co
PETROLASTIC: Asphalts—American Bitumuls & Asphalt Co
PETROLITE: Wax, Microcrystalline—Petrolite Corp, Wax Div
PETRONAUBA: Products—Bareco Oil Co
PETRO-SEAL: Coatings, Tank, Interior—Sherwin-Williams Co
PETROWET: Wetting Agents—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
PETROZON: Extractors, Solvents, Centrifugal—Podbielniak, Inc
PFANSTIEHL: Products—Pfanstiehl Chem Co
PHANTOLID: Chemicals, Aromatic—Polak's Frutal Works
PHENACIDE: Insecticides, Toxaphene—Thompson Hayward Chem Co
PHENALINE 300: Materials, Coating & Lining—Carboline Co
PHENAMINE: Dyes, Direct—General Dyestuff Corp
PHENOFORM: Colors, Plastic—General Dyestuff Corp
PHENOLINE: Coatings & Linings—Carboline Co
PHENOWELD: Adhesives—H V Hardman Co
PHILBLACK: Carbon Black—Phillips Chem Co
PHILLIPS 66: Fertilizers, Nitrogen—Phillips Chem Co
PHILLIPS 66: Products—Phillips Petroleum Co, Special Products Div
PHIL-O-SOL: Wetting Agents—Onyx Oil & Chem Co
PHOENIX: Powders & Pastes, Flameproof—Textile Proofers
PHOENIX: Products—Adelphi Paint & Color Works
PHOSFLAKE: Alkali, Bottlers'—Columbia-Southern Chem Corp Sub
PHOSPHODUST: Insecticide Carriers, Diluents—American Agricultural Chem Co
PHOS-TRODE: Electrodes, Bronze, Shielded-Arc Phosphor—Ampco Metal
PHOTOMETER: Flame—Perkin Elmer Corp
PHOTOSWITCH: Products—Photoswitch Inc
PHOTRONIC: Products—Weston Elect Instrument Corp
PHYGON: Fungicides & Protectants, Seed—Naugatuck Chem Div
PICCO: Products—Pennsylvania Industrial Chem Corp
PICCOCIZER: Plasticizers, Aromatic—Pennsylvania Industrial Chem Corp
PICCOLASTIC: Polystyrene—Pennsylvania Industrial Chem Corp
PICCOLYTE: Polyterpene—Pennsylvania Industrial Chem Corp
PICCOUMARON: p-Coumarone—Pennsylvania Industrial Chem Corp
PICCOVAR: Indene (Poly)—Pennsylvania Industrial Chem Corp
PICKELENE: Cleaners—Hanson-Van Winkle-Munning Co
PICRIDE: Fumigants—Dow Chem Co
PICTAR: Plasticizers, Aromatic—Pennsylvania Industrial Chem Corp
PICTOL: Developers, Photographic—Mallinckrodt Chem Works
PICTONE: Developers, Photographic—Mallinckrodt Chem Works
PIKES PEAK: Products—Diversey Corp
PILE DRIVER: Pumps, Materials—Lincoln Engrg Co
PILGRIM: Oil Cups—William Powell Co
PILOT: Valves—William Powell Co
PILOTROL: Pilots, Control, Air-Operated—Bailey Meter Co
PINE AROMA: Disinfectants—Uncle Sam Chem Co
PINGO: Products—Pingo Co
PINO: Disinfectants, Pine Oil—George B Robbins Disinfectant Co
PINOLENE: Emulsions, Pine Oil—Titan Chem Products
PINTAR: Disinfectants, Pine Oil—George B Robbins Disinfectant Co
PIONEER: Clays, Sagger—Georgia Kaolin Co
PIONEER: Cups, Oil—Lunkenheimer Co
PIONEER: Wax, Bees, Yellow, Refined—Theodor Leonhard Wax Co
PISTON-RING: Expansion Joints—American District Steam Co
PITTCHLOR: Calcium Hypochlorite—Columbia-Southern Chem Corp Sub
PITTSBURGH: Products—Rockwell Mfg Co
PLANETORQUE: Products—Philadelphia Gear Works
PLANTAROME: Foaming Agents—Florasynth Labs
PLANTGARD: Insecticides, Garden—Kalo Co
PLASOLEUM: Adhesives, Waterproof—Rubber Corp of America
PLASTACELE: Plastic, Cellulose Acetate—E I du Pont de Nemours & Co, Polychem Dept
PLASTAID: Plasticizers, Paper, Coated—Essential Chem Co
PLASTIC GLOSS: Polishes—Uncle Sam Chem Co
PLASTIC METAL: Metals, Paste—A J Stull & Co
PLASTICONE RED: Pigments, Red, Pyrazolone—Sherwin-Williams Co
PLASTIC QUIK-PAK: Brick, Plastic—A P Green Fire Brick Co
PLASTICERA: Products—Bareco Oil Co
PLASTILOCK: Adhesives—B F Goodrich Co
PLASTIMENT: Concrete, Admixtures—Sika Chem Corp
PLASTISOL: Glue, Sem-Solid, Plasticized—Swift & Co
PLASTISOY: Oil, Vegetable, Processed—Baker Castor Oil Co
PLASTITONE: Products—Claremont Pigment Dispersion Corp
PLASTOFLEX: Plasticizers—Advance Solvents & Chem Corp
PLASTOL: Resins—Advance Solvents & Chem Corp
PLASTOL 1: Plasticizer, Masonry Cement—Nopco Chem Co
PLASTOLEIN: Plasticizers, Vinyl—Emery Industries
PLAST-O-LINE: Membranes, Acid & Alkali-Proof—Heil Process Equipment Corp
PLASTOLITE: Lenses, Plastic—American Optical Co
PLA-TANK: Resin-Bonded Fiberglas Products—Chemical Corp
PLAT-CHROME OXIDIZE: Darkeners, Silver—Linick Chem Co
PLATECOIL: Products—Kold-Hold Mfg Co
PLATIN-NIG: Silver Treatments—Hanson-Van Winkle-Munning Co
PLAXPAK: Bottles, Carboys, Film, Sheet—Plax Corp
PLEXIGLAS: Powders, Molding & Sheets, Plastic, Acrylic Resin—Rohm & Haas Co
PLEXIGUM: Adhesives—Rohm & Haas Co
PLEXOL: Additives, Oil—Rohm & Haas Co
PLIABOOK: Cements, Bookbinding—Paisley Products
PLIASTIC: Adhesives, Resin Emulsion (Synthetic)—Paisley Products
PLIATAB: Adhesives, Bookbinding—Paisley Products
PLIATEX: Glue, Flexible—Swift & Co
PLIKOTE: Products—Kleen-Kote Co
PLIOBOND: Adhesives—Goodyear Tire & Rubber Co
PLIOGRIP: Adhesives—Goodyear Tire & Rubber Co
PLIOLITE: Latex—Goodyear Tire & Rubber Co
PLIOLITE S-3: Reinforcing Agents, Rubber—Goodyear Tire & Rubber Co
PLIOLITE S-4: Resins, Coating—Goodyear Tire & Rubber Co
PLIOLITE S-5: Resins, Coating—Goodyear Tire & Rubber Co
PLIOLITE S-6: Reinforcing Agents, Rubber—Goodyear Tire & Rubber Co
PLIO-TUF: Molding Powders, Plastic—Goodyear Tire & Rubber Co
PLIOVIC: Resins, Vinyl & Latex—Goodyear Tire & Rubber Co
PLUMITE: Cleaners, Drain Pipe & Chemicals, Sanitary—Dearborn Chem Co
PLURAFIL: Dyes, Mixed Fibres, Silk & Rayon—General Dyestuff Corp
PLURONICS: Detergents, Non-Ionic—Wyandotte Chem Corp
PLUS-FIFTY: Chemicals, Dry—Ansul Chem Co
PLUTO: Dyes, Direct—General Dyestuff Corp
PLUTOFORM: Dyes, Direct—General Dyestuff Corp
PLY: Creams & Liquids, Protective Hand—Milburn Co
PLYACIEN: Glues, Protein—Reichhold Chem
PLYAMINE: Glues, Resins—Reichhold Chem
PLYGAUB: Clothing, Safety, Plastic—Milburn Co
PLYGLOV: Gloves, Work, Plastic Coated—Milburn Co
PLYMAX: Glues & Pastes—A Adler & Son
PLYMOUTH: Products—M W Parsons—Plymouth
PLYOKEM: Products—Diversey Corp
PLYOPHEN: Glues, Resin—Reichhold Chem
PLYOWAX: Products—Diversey Corp
PNEOLATOR: Instruments, Artificial Respiration, Automatic—Mine Safety Appliances Co
PNEUMAFEED: Drills, Wagon—Schramm Inc
PNEUMATRACTOR: Compressors, Tractor—Schramm Inc
PNEUMATROL: Pneumatic Equipment—Fischer & Porter Co
PODBIELNIAK: Products—Podbielniak, Inc
POLAR: Naphthalene—Barrett Div
POLIDASE: Enzymes, Vegetable—Schwarz Labs
POLINEL: Waxes, Synthetic—Glycol Prod Co
POLLO: Colors & Finishes, Pigmented Leather—Kepec Chem Corp
POL-NU: Pentachlorophenol (with Grease Base)—Chapman Chem Co
POLOX: Soldering Fluids—Lox Mfg Co
POLYAC: Accelerators, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
POLYCIN: Oils, Vegetable, Gelled, Solid—Baker Castor Oil Co
POLYCIZER: Plasticizers—Harwick Standard Chem Co
POLYCO: Emulsions-Polyvinyl Acetate—American Polymer Corp
POLYCRYL: Solutions—American Polymer Corp
POLYFLEX: Sheet, Polystyrene Extruded—Plax Corp
POLYFOAM: Detergents, Synthetic—Utility Chem Co
POLYLAD: Vinyl Linings & Coatings—Carboline Co
POLYLITE: Resins, Polyesters—Reichhold Chem
POLY-PALE: Resins—Hercules Powder Co
POLYRESIN: Resins, Coatings—Kepec Chem Corp
POLYROTO: Inks, Rotogravure, Ketone—Gotham Ink & Color Co
POLYSCOUR: Detergents, Alkaline—Utility Chem Co
POLYSIZE: Emulsions for Textile Sizings—American Polymer Corp
PONDEROL: Oil, Apricot Kernel, Brominated—Sterol Derivatives Inc
PONOLITH: Lithopone—E I du Pont de Nemours & Co, Pigments Dept
PONSOLVE: Solvents, Alcohol—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Camphor & Alcohol Section
PONTOON: Covers, Digester—Chicago Pump Co
PORCELAIN ROUGE: Polishers, Metal—Linick Chem Co
PORO-CARBON: Filters—R P Adams Co
POROCEL: Absorbent—Attapulgus Minerals & Chemicals Corp
PORO-SCREEN: Filters—R P Adams Co
PORO-STONE: Filters—R P Adams Co
POROX: Ball Mill Linings—Patterson Foundry & Mach Co
PORTAIR: Blowers—Coppus Engrg Corp
POSITROL: Positioners, Valve—Fisher Governor Co
POSTREAT: Preservatives, Wood—Miller Products Co
POTNIT: Nitrate of Potash—Berkshire Chem
POWAIRSAVER: Fans, Cooling Tower—J F Pritchard & Co
POWER: Products—Mid-Continent Petroleum Corp
POWERAIRE: Equipment, Air Conditioning—Jackson & Church Co
POWERATED: Equipment, Air Conditioning—Jackson & Church Co
POWERFLO: Pumps, Heavy Material—Gray Co
POWERLINE: Fans, Exhaust—Chelsea Fan & Blower Co
POWERMASTER: Boilers—Orr & Sembower, Inc
POWEROIL: Oil Burners—Jackson & Church Co
POWERON: Nozzles, Fire-Fighting—American-LaFrance-Foamite Corp
POWERPHYL: Cleaners—Fuld Bros
POWERSTAT: Transformers, Variable—Superior Elec Co
POWER STIR: Stirrers—Eberbach Corp
POWER-VEYOR: Products—Rapids-Standard Co
PRASCO: Insulation, Heat & Insulating Materials, Heat—Pabco Products
PRATER: Grinders—Prater Pulverizing Co
PRECIPITRON: Air Conditioning—Westinghouse Elec Corp
PRECISION MOLDED: Insulating Materials, Heat & Pipe Coverings, Magnesia—Pabco Products
PREMAX: Clays, Coating—Georgia Kaolin Co
PREMERGE: Herbicides—Dow Chem Co
PREMIER: Lubricators, Gas Engine—Lunkenheimer Co
PREMIER-ATLAS: Buffs—Hanson-Van Winkle-Munning Co
PREMIER CERTIFIED: Peat Moss—Premier Peat Moss Corp
PREMIER-NURE: Products—Premier Peat Moss Corp
PRENOL A: Softeners & Plasticizers—National Rosin Oil Products
PRESERVOSOTE: Products—Crowley Tar Products Co
PRESS-TENDER: Conveyors, Belt, Portable—E W Buschman Co
PRESSURE-SEAL: Valves—Edward Valves
PRESS-VEYOR: Products—Rapids-Standard Co
PRESTABIT: Oils, Sulfonated—General Dyestuff Corp
PRES-TO-FORM: Drums, Fibre—Emery-Carpenter Container Co
PREST-O-LITE: Equipment, Soldering & Brazing & Flood Lights—Linde Air Products Co Div
PREST-O-WELD: Equipment, Oxy-Acetylene Welding & Cutting—Linde Air Products Co Div
PREV: Flameproofing Compounds & Fire Preventatives, Petroleum—Essential Chem Co
PREVENTOL: Mildew Preventatives, Fungicides—General Dyestuff Corp
PRE-VENT-RUST: Inhibitives, Rust—A J Stull & Co

PREX: Clays, Coatings—Georgia Kaolin Co
PRIMAC: Salts, Amine—Rohm & Haas Co
PRIMAL: Emulsions, Resin & Dispersions, Pigment—Rohm & Haas Co
PRIMENE: Amines—Rohm & Haas Co
PRIMINOX: Amines—Rohm & Haas Co
PRIMOL: Oils, White—Esso Standard Oil Co
PRINCO: Products—Precision Thermometer & Instrument Co
PRINTWEIGH: Products—Toledo Scale Co
PRODAG: Products—Acheson Colloids Co Div
PROGRESS: Grease Cups—William Powell Co
PROJECTOMATIC: Products—Christian Becker Div
PROLASE: Enzymes, Proteolytic—Wallerstein Co
PROMYR: Isopropyl Myristate—Robinson Wagner Co
PROPAL: Isopropyl Palmitate—Robinson Wagner Co
PROPELLAIR: Fans—Robbins & Myers Co
PROPELOFLO: Products—Builders-Providence
PROPYL CHEMOSEPT: Products—Chemo Puro Mfg Corp
PROSEIN: Protein, Soyabean—Glidden Co, Soya Products Div
PROTAN: Leather Tanning—Victor Chem Works
PROTECTAVALVE: Masks, Gas—Acme Protection Equipment Co
PROTECTO: Lead Solutions—Hanson-Van Winkle-Munning Co
PROTECTOL: Finishes, Textile—General Dyestuff Corp
PROTECTO SHIELD: Shields—Willson Products
PROTECTOSPRAY: Fire Protection Systems—Grinnell Co
PROTEGIN X: Absorption Bases—Goldschmidt Chem Corp
PROTER-SORB—Dessicants—Davison Chem Corp
PROTESAL: Chillproofing & Stabilizing Compounds—Schwarz Labs
PROTETHYL: Flavors, Vanilla, Artificial—Florasynth Labs
PROTEX METALLUM: Products—Diversey Corp
PROTEX WOOD: Products—Adelphi Paint & Color Works
PROTOLIN: Hydrosulfites & Sulfoxylates—Rohm & Haas Co
PROTOVAC: Sodium Caseinate—Borden Co, Chem Div
PRUFCOAT: Products—Prufcoat Labs
PRUFTITE: Products—Prufcoat Labs
PULVERATOR: Mills, Hammer—Allis-Chalmers Mfg Co
PUMP KING: Pumps, Sanitary—Tri-Clover Mach Co
PUP: Extractors, Solvent, Centrifugal—Podbielniak, Inc
PURASAN: Quaternary Ammonium Compounds—Gallowhur Chem Corp
PURASIST: Products—Gallowhur Chem Corp
PURATIZED: Preventives, Slime—General Dyestuff Corp
PURATIZED: Sprays, Agricultural—Galowhur Chem Corp
PURATURF: Fungicides, Turf—Gallowhur Chem Corp
PUR-A-WELD: Masks, Gas, Welders—Acme Protection Equipment Co
PURECAL: Calcium Carbonate—Wyandotte Chem Corp
PURECARB: Products—Godfrey L Cabot
PURECO DRY-ICE: Products—Pure Carbonic Co Div
PURELINE: Petroleum Jelly—Sherwood Refining Co
PURICO WONDERBAR: Buffing Compounds—Puritan Mfg Co
PURIFIL: Products—Electric Eye Equipment Co
PURI-FILTER: Centrifuges & Filters—De Laval Separator Co
PURITE: Soda Ash, Fused—Mathieson Chem Corp
PURITY: Starches—National Starch Products
PUR-O-CEL: Filters—% Proportioneers Inc %
PUROX: Apparatus, Oxy-Acetylene Welding & Cutting—Linde Air Products Co Div
PURTONE: Carbon Black—Witco Chem Co
PUSH-LOK: Pipe, Drain, Clay, Vitrified—Robinson Clay Products Co
PYCAL: Plasticizers, Resin—Atlas Powder Co
PYCNORATOR: Specific Gravity—Fischer & Porter Co
PYDRAUL: Fluids, Hydraulic, Industrial—Monsanto Chem Co, Organic Chem Div
PYRALIN: Plastic, Cellulose Nitrate—E I du Pont de Nemours & Co, Polychem Dept
PYRAMID: Copings, Wall—Robinson Clay Product Co
PYRAMID: Toners, Tungstated—Max Marx Color & Chem Co
PYRATHERM: Controls, Oil Burner, Safety—Mercoid Corp
PYRAX: Pyrophyllite—R T Vanderbilt Co
PYREFUME: Insecticides, Deodorants, Disinfectants, Perfumes—S B Penick & Co
PYRENE: Extinguishers, Fire—Pyrene Mfg Co
PYRENONE: Insecticides, Farm—United States Industrial Chem Co
PYREX: Glasses & Glassware—Corning Glass Works
PYREXCEL: Insecticides, Concentrates—S B Penick & Co
PYRIDOSE: Pyridylmercuric Acetate—Mallinckrodt Chem Works
PYROBOR: Borax, Dehydrated—American Potash & Chem Corp
PYROCIDE: Pyrethrum—McLaughlin Gormley King Co
PYRO-COTA: Soot Eradicators—State Mfg Co
PYROFAX: Gas—Carbide & Carbon Chem Co Div
PYROFLEX: Heating Units, Electric—Cutler-Hammer
PYROMASTER: Potentiometers, Recording, Indicating & Controlling—Bristol Co
PYRON: Products—Diversey Corp
PYRONIC: Burners, Gas—Bryant Industrial Div
PYROPO: Insecticides—S B Penick & Co
PYROTEX: Scouring Agents, Textile—Standard Chem Products
PYRO-TRAN: Transformers & Pyrometers—Scientific Glass Apparatus Co
PYROTROL: Safeguards, Combustion—Bristol Co
PYROTON: Thermometers, Resistance—Bailey Meter Co
PYROVISOR: Pyrometers, Radiation—Bristol Co
PYROX: Insecticides, Agricultural—American Agricultural Chem Co

Q

Q B OITICICA: Oil, Oiticica, Bodied—Scientific Oil Compounding Co
QO: Furan Chemicals—Quaker Oats Co, Chem Dept
Q-T: Oils—Cities Service Petroleum
QUADRAFOS: Products—Rumford Chem Works
QUADRASOAP: Soaps, Laundry—Utility Chem Co
QUAKERSOL: Solvents, Proprietary—Commercial Solvents Corp
QUANTOMETER: Spectrometers, Direct Reading—Applied Research Labs
QUEL: Products—Arthur C Trask Co
QUENATE: Oxyquinoline Benzoate—Mallinckrodt Chem Works
QUICK AID: Fireguards—General Detroit Corp
QUICK-CLEAN: Motors, Textile—Allis-Chalmers Mfg Co
QUICKEE: Inks, Printing—Braden Sutphin Ink Co
QUIK-LABEL: Markers, Wire, Pipe & Conduit—W H Brady Co
QUIK-MASK: Masks—W H Brady Co
QUIK-SIGN: Stencils—W H Brady Co
QUIK-SIL: Products—Diversey Corp
QUIK-TEMP: Drainage Systems, Condensate—Fred H Schaub Engrg Co
QUIKUPL: Products—Cooper Alloy Foundry Co
QUILON: Stearato Chromic Chloride—E I du Pont de Nemours & Co, Grasselli Chem Dept
QUINDEX: Copper 8-Quinolinolate & Mildew Preventives, Textile—Nuodex Products Co
QUINTAIR: Exchangers, Heat, Air-Cooled—J F Pritchard & Co
QUINTEX: Exchanger Sections, Heat, Atmospheric—J F Pritchard & Co
QUINTUBE: Exchangers, Heat, Shell & Tube—J F Pritchard & Co
QUIXOL: Solvents, Proprietary—Commercial Solvents Corp

R

R: Rouge—Hanson-Van Winkle-Munning Co
R-9: Coatings, Temporary—Rust-Oleum Corp
R-426: Refractories, Ladle Lining—Robinson Clay Product Co
R-B-H: Dispersions, Pigment—R-B-H Dispersions Div
RC: Products—Rubber Corp of America
R C L: Instruments, Nuclear—Radiation Counter Labs
RCMA: Latex, Centrifuged—Rubber Corp of America
RH: Coolers, Comfort—McQuay Co
R & I: Products—Refractory & Insulation Corp
R & M: Hoists, Cranes, Winches—Robbins & Myers Co
R-M: Asbestos Products—Raybestos-Manhattan Inc
RMP: Antimony—Rare Metal Prod Co
RR: Waxes, Floor—Columbia Wax Co
R S: Rouge—Hanson-Van Winkle-Munning Co
R S R: Pre-Spotters, Dry Cleaning—Wallerstein Co
RADIAL: Comfort Coolers—McQuay, Inc
RADIATION COUNTER LABS: Instruments, Nuclear—Radiation Counter Labs
RADIO: Dyes, Acid—General Dyestuff Corp
RAMAPO: Colors, Dry—E I du Pont de Nemours & Co, Pigments Dept
RAMASIT: Waterproofing Agents, Textile—General Dyestuff Corp
RAMASOL: Water Repellents, Textile—General Dyestuff Corp
RAMOL: Oil, Mineral, White—Sherwood Refining Co
RAMUC: Paints, Chlorinated Rubber—Inertol Co
RANAREX: Products—Permutit Co
RANSBURG: Spraying Machines—Ransburg Electro-Coating Corp
RAPIDASE: Desizing Agents—Wallerstein Co
RAPID FAST: Dyes, Azo—General Dyestuff Corp
RAPID-LOCK: Products—Rapids-Standard Co Inc
RAPIDOGEN: Dyes, Azo—General Dyestuff Corp
RAPID-POWER BOOSTER: Products—Rapids-Standard Co
RAPID-ROLLER: Products—Rapids-Standard Co
RAPID-WHEEL: Products—Rapids-Standard Co
RAPISTAN: Products—Rapids-Standard Co
RAREOX: Powder, Polishing, Cerium Oxide—Rare Earths
RATIOTROL: Regulators, Air-Oil—North American Mfg Co
RATOCHLOR: Dispensers, Chlorine—Fischer & Porter Co
RATOGAGE: Pressure Equipment—Fischer & Porter Co
RATOSIGHT: Indicators, Sight Flow—Fischer & Porter Co
RATOTHERM: Temperature Equipment—Fischer & Porter Co
RATOTRONIC: Electronic Equipment—Fischer & Porter Co
RAT-TROL: Warfarin Rat Poisons—Thompson Hayward Chem Co
RAVEN: Oils—Cities Service Petroleum
RAX POWDER: Warfarin .5% Concentrate—Prentiss Drug & Chem Co
RAYBAR: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
RAYBESTOS: Materials, Friction—Raybestos-Manhattan Inc
RAYCAL: Cleaners—B J Howard Co
RAYCAL: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
RAYDIST: Navigation & Tracking Systems—Hastings Instrument Co
RAYGEE: Coatings, Protective—Impervious Paint & Varnish Co
RAYLUBRIC: Oils, Rayon—E F Houghton & Co
RAYNISE: Sizes, Textile—General Dyestuff Corp
RAYOTUBE: Detectors, Temperature, Radiation Type—Leeds & Northrup Co
RAYSIL: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
RAYTINT: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
REACTIVATORS: Clarifiers—Graver Water Conditioning Co
READCO: Products—Read Standard Corp
READY: Valves, Lever Operated—William Powell Co
REALIN: Oils—Pruett-Schaffer Chem Co
REALWEAR: Pumps—Warren Steam Pump Co Inc
RECORD MAKER: Belts—Republic Rubber Div
RECORDOMATIC: Titrators, Automatic—Precision Scientific Co
RED BAND: Sours, Laundry—Ecclestone Chem Co
RED DIAMOND: Products—Liquid Carbonic Corp
RED-E-TO-USE: Wheels & Buffs—Hanson-Van Winkle-Munning Co
RED GIANT: Trucks, Hand Lift—Revolvator Co
REDI-BLEND: Products—Adelphi Paint & Color Works
REDLER: Elevators, Continuous Flow—Stephens-Adamson Mfg Co
RED LINE: Lubricants—Union Oil Co of Cal
RED LIONS: Products—V D Anderson Co
RED MARVEL: Polishes, Metal—Uncle Sam Chem Co
RED-READING: Thermometers—Palmer Thermometers
RED SEAL: Meters, Petroleum—Neptune Meter Co
RED-TOP: Products—Fresno Agricultural Chem Co
REEVE ANGEL: Filter Papers—H Reeve Angel & Co
REEVES VARI-SPEED MOTODRIVE: Products—Reeves Pulley Co
REFRAX: Refractories, Carbide, Silicon—Carborundum Co
REFRASIL: Insulation—H I Thompson Co
REGAL: Henna, Leaves—S B Penick & Co
REGENT: Acid, Leavening—Victor Chem Works
REGULEX: Exciters for Control of D C Machines—Allis-Chalmers Mfg Co
REHEIS: Products—Reheis Co
REK-TANG: Screens, Woven Wire—Ludlow-Saylor Wire Co
RELIANCE: Engines & Equipment, Flour Mill—Allis-Chalmers Mfg Co
RELIANCE: Motors & Generators—Reliance Elec & Engrg Co
RELIANCE: Products—Universal Rd Machy Co
RELIANCE V*S: Drives, Variable Speed—Reliance Elec & Engrg Co
RELION: Products—Diversey Corp
REMOLGAN: Assistants, Tanning—General Dyestuff Corp
REMONOL: Resorcinol Monoacetate—Seydel Chem Co
REMOVIT: Cleaning Compounds—H Kohnstamm & Co
REMOVITE: Removers—Chemical Specialties Co
RENEWITE: Cleaners, Rugs & Upholstery—Chemical Specialties Co
RENEWO: Valves, Globe, Angle, Check—Lunkenheimer Co
RENEX: Detergents, Synthetic—Atlas Powder Co
RENITE: Products—Renite Co
RENOWN: Grease Cups—William Powell Co
REPELLENE: Waterproofing Products—Glover M Birk, Mfg Chemist
REPELLO: Spot & Waterproofing Agents, Textile—Scher Bros
REPEL-O-FLAME: Flameproofers—Onyx Oil & Chem Co
REPEL-O-TEX: Water Repellants—Onyx Oil & Chem Co
REPUBLIC: Materials Handling Equipment—Republic Steel Corp, Pressed Steel Div
REPUBLIC: Products—Republic Flow Meters Co
REPUBLIC ELECTRUNITE DEKORAN-COATED EMT: Conduit, Corrosion Resisting Electrical—Republic Steel Corp, Steel & Tubes Div
RESIGUM: Adhesives, Sizing—Paisley Products
RESIMENE: Melamine—Monsanto Chem Co, Plastics Div
RESIN C: Resinous Compounding Materials—Barrett Div
RESINEX: Finishes, Resin, Textile—Scher Bros
RESINEX: Plasticizers, Resin—Harwick Standard Chem Co
RESINOL: Finishes, Resin—Titan Chem Products
RESINOX: Phenolic—Monsanto Chem Co, Plastics Div
RESI-RAP: Glue, Non-Warp (Liquid Resin)—Paisley Products
RESISTO: Paste, Label, Iceproof—Swift & Co
RESISTOFLEX: Products—Resistoflex Corp
RESIZET: Sizings, Gum—Takamine Lab
RESLOOM: Textile Specialties—Merrimac Div, Monsanto Chem Co
RESOFORM: Colors, Plastic—General Dyestuff Corp
RESOGLAZ: Resins—Advance Solvents & Chem Corp
RESORSABOND: Adhesives, Resin—Koppers Co Chem Div
RESYN: Adhesives—National Starch Products
RETARDEX: Products—C P Hall Co
RETARDEX: Retarding Agents, Dye—Standard Chem Products
RETARDINE: Retarding Agents, Dye—Standard Chem Products
RETARDINOL: Retarding Agents, Dye—Titan Chem Products
RETROL: Adsorbents, Clays & Bleaches, Oil—Filtrol Corp
REVERTEX: Latex, Rubber, Concentrated—Rubber Corp of America
RE-VI: Products—Davies-Young Soap Co
REVIVO BOND: Clays, Bonding—International Minerals & Chem Corp, Industrial Minerals Div
REVOLVATOR: Products—Revolvator Co
REX: Products—Chain Belt Co
REX-FLEX: Products—Flexonics Corp
REXPAR: Varnishes, Spar—Sherwin-Williams Co
REX-TUBE: Conduit, Electrical—Flexonics Corp
REX-WELD: Hose, Metal, Flexible—Flexonics Corp
REZGARD: Textile Specialties—Merrimac Div, Monsanto Chem Co
REZISTAL: Steels, Stainless—Crucible Steel Co of America
REZYL: Products—American Cyanamid Co, Plastics & Resins Div
RHODIONE: Ionones—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Aromatics Section
RHODULINE: Dyes, Basic—General Dyestuff Corp
RHONITE: Resins for Textile Finishes—Rohm & Haas Co
RHOPLEX: Suspensions (Dispersions), Resin—Rohm & Haas Co
RHOTEX: Finishes, Resin, Synthetic & Thickening Agents—Rohm & Haas Co

RHOTHANE: Dichlorodiphenyl-Dichloroethane—Rohm & Haas Co
RHOTONE: Binders for Dyeing & Textile Printing—Rohm & Haas Co
RHOZYME: Enzymes, Industrial & Desizing Agents, Textile—Rohm & Haas Co
RICHMOND: Products—Adelphi Paint & Color Works
RICOSOL: Alcohol, Proprietary Solvent—Puerto Rico Alcohol Co
RID-O-MOTH: p-Dichlorobenzene — Standard Chlorine Chem Co
RID-O-MOTH: Naphthalene—Standard Naphthalene Products Co
RIETZ: Disintegrators & Disintegrators, Angle—Rietz Mfg Co
RIETZ PREBREAKER: Products—Rietz Mfg Co
RIETZ TECHNA LOADTROL: Automatic Control—Rietz Mfg Co
RIETZ THERMASCREW: Blanchers & Exchangers, Heat—Rietz Mfg Co
RIGORTEX: Paints, Acid-Alkali Resistant—Inertol Co
RING BALANCE: Meters—Hagan Corp
RINGKEY: Products—Multi-Metal Wire Cloth Co
RIPL-FLO: Screens, Vibrating—Allis-Chalmers Mfg Co
RIPPLE-FIN-RIPPLE-TUBE: Coils—McQuay, Inc
RIVAL: Wheels—Hanson-Van Winkle-Munning Co
ROACHKIL: Sprays, Insect, Chlordane—Uncle Sam Chem Co
ROACHMASTER: Insecticides—Michigan Chem Corp
ROACH SALT: Powders, Insecticide—Uncle Sam Chem Co
ROBERTS: Centrifugals—Western States Mach Co
ROBINSON: Fire Brick & Clay & Dinnerware, Kitchenware & Stoneware—Robinson Clay Product Co
ROBINSUL: Fire Brick & Clay, Insulating & Chimney Tops—Robinson Clay Product Co
ROBO-LIFT: Conveyors, Bucket Elevating—Counsel Mach Co
ROBOMATIC: Refractometers—Precision Scientific Co
ROCHESTER: Products—Rochester Mfg Co
ROCKING CONTACT: Regulators, Generator Voltage—Allis-Chalmers Mfg Co
ROCKPORT CHEMICAL LIME: Calcium-Oxide—Cutler-Magner Co
ROCKWELL: Products—Rockwell Mfg Co
RODENE: Rodenticides—Uncle Sam Chem Co
RODIN: Disinfectants, Household—George B Robbins Disinfectant Co
RODINE: Pickling Agents—American Chem Paint Co
RODUSTO: Insecticides—Miller Products Co
RO-FLO: Compressors, Rotary Air/Pumps, Dry Vacuum—Allis-Chalmers Mfg Co
ROGERS FAMOUS: Glues & Adhesives—Rogers Isinglass & Glue Co
ROL-AIR: Tools, Flaring—Imperial Brass Mfg Co
ROLLER-TYPE: Mills, Jar—United States Stoneware Co
ROLL-OR-WHEEL: Conveyors, Portable—E W Buschman Co
ROLOTAC: Controllers—Elwell-Parker Elec Co
RONGALITE: Discharge Agents, Textile—General Dyestuff Corp
ROPER: Products—Geo D Roper Corp
ROSANLIK: Perfume Bases—Fritzsche Bros
ROSCAROMA: Deodorants—Rosco Labs
ROSCO: Cleaners, Lens—Rosco Labs
ROSCOLENE: Tissues, Lens—Rosco Labs
ROSOIL AH: Oil, Tall—West Virginia Pulp & Paper Co
ROSS: Products—Ross Heater Div
ROTARY: Meters, Condensate—American District Steam Co
ROTEFIVE: Insecticides—Miller Products Co
ROTEFOUR: Insecticides—Miller Products Co
ROTENOL: Insecticide Carriers (with Rotenone)—Kay-Fries Chem
ROTENOL: Insecticides—Miller Products Co
ROTEX: Pumps—Warren Steam Pump Co
ROTOBLAST: Blast Cleaning, Airless—Pangborn Corp
ROTO-CLONE: Collectors, Dust—American Air Filter Co
ROTODYNE: Products—Aerodyne Development Corp
ROTOJET: Nozzles, Spray—Binks Mfg Co
ROTO RANGER: Products—Simpson Elec Co
ROTOSOL: Solvents, Ink—American Mineral Spirits Co
RO-TWIN: Compressors, Rotary Air/Pumps, Dry Vacuum—Allis-Chalmers Mfg Co
ROWAX: Wax, Lanolin—Robinson Wagner Co
ROWE'S: Paints—Rowe Paint & Varnish Co
ROYAL: Mortar, Bonding, High Temperature—Robinson Clay Product Co
ROYAL PURPLE: Colors, Dry, Purple—Sherwin-Williams Co
ROYAL WORCESTER: Products—Pingo Co
ROYLITE: Cleaners—Hanson-Van Winkle-Munning Co
ROXTONE: Oils, Black—Esso Standard Oil Co
RUBALT: Products—Alfred Hague & Co
RUBANOX RED: Colors, Dry, Red, Lithol Rubine—Sherwin-Williams Co
RUBBAROL: Cleaners, Rubber—Rubba Inc
RUBBAROMES: Reodorants for Rubber Products—Naugatuck Aromatics
RUBBATEX: Coatings, Rubber—Rubba Inc
RUBBA WHEEL: Cleaners, Rubber—Rubba Inc
RUBBERLITH: Lithopone—Witco Chem Co
RUB FLUX: Softeners, Rubber—Witco Chem Co
RUBINOL: Dyes, Acid—General Dyestuff Corp
RUB-R-KLEEN: Products—Diversey Corp
RUB TACK: Softeners, Rubber—Witco Chem Co
RUBYFLUID: Products—Ruby Chem Co
RUBY'S: Flux, Soldering—Ruby Chem Co
RUFF-L: Buffs—Hanson-Van Winkle-Munning Co
RUFLUX: Products—Titanium Alloy Mfg Div
RUGBACK: Latex Backings, Compounded (for Rugs)—Naugatuck Chem Div
RUGLYDE: Lubricants, Rubber—American Grease Stick Co
RUG-SEALZ: Adhesives for Seaming Carpets—Naugatuck Chem Div
RULAN: Plastic, Flame-Retardant (for Electrical Insulation)—E I du Pont de Nemours & Co, Polychem Dept
RUPTAIR: Circuit Breakers, Magnetic Air—Allis-Chalmers Mfg Co
RUPTOR: Arc Depotentiators for Circuit Breakers—Allis-Chalmers Mfg Co
RUSHTOP: Anti-Rust—R M Hollingshead Corp
RUSTANG: Chemical Water Treatment—Feedwaters Inc
RUST BAN: Coatings, Protective & Preventives, Rust—Esso Standard Oil Co
RUST-BAN: Preventatives, Rust—Penola Oil Co
RUSTBOND PRIMA: Primers, Vinyl Paint—Carboline Co
RUSTFLEX: Conditioners, Water—Flexoid Products
RUSTICON: Inhibitors, Corrosion—Philadelphia Quartz Co
RUSTOFF: Rust Removers—A J Stull & Co
RUST-OLEUM: Preventives, Rust—Rust-Oleum Corp
RUSTOUT: Conditioners, Water—Flexoid Products
RUST RINSE: Inhibitors—Dampney Co
RUST SOL: Products—Klem Chem
RUST-SOLV: Rust Removing Compounds—Nielco Chem
RUST VETO: Preventives, Rust—E F Houghton & Co
RUSTYRASE: Rust Removers—Hachik Bleach Co

S

S-A: Valves, Acid, Anti-Sulfuric—Lunkenheimer Co
SA-326: Anti-Oxidants, Soap—Monsanto Chem Co, Phosphate Div
SAF: Furnace, Abrasion—Binney & Smith Co
S-B: Plating Processes—Hanson-Van Winkle-Munning Co
SBZ: Dyeing Assistance, Fibre, Synthetic—Tennessee Products & Chem Corp
SC-110: Products—Gallowhur Chem Corp
SK-7: Castables, Insulating, Refractory—A P Green Fire Brick Co
S K S: Glue, Flexible—Paisley Products
SPDX GH: Products—C P Hall Co
SS UNIT: Pumping Units—Allis-Chalmers Mfg Co
ST-115: Alcohol, Denaturant—Eastman Chem Products
SWP: Paints, House—Sherwin-Williams Co
S&Y: Instruments, Optical—Stocker & Yale
SABADUSTO: Insecticides—Miller Products Co
SABIN ONE-MAN: Trucks, Industrial—Sabin Mach Co
SADIC: Convertors, Digital—Consolidated Engrg Corp
SAF-CO-METER: Indicators, Carbon Monoxide—United States Safety Service Co
SAFECLO: Products—Safety Clothing & Equipment Co
SAFE GUARD: Products—N Jonas & Co, Mfg Chemist
SAFETY-CIRCLE: Motors—Allis-Chalmers Mfg Co
SAFETY-LINEN: Sours, Laundry—Diamond Alkali Co
SAFEX: Accelerators for Rubber—Naugatuck Chem Div
SAF-I-DUO: Goggles, Plastic—United States Safety Service
SAFLEX: Vinyl Butyral—Monsanto Chem Co, Plastics Div
SAFRELLA: Sassafras, Artificial—Fritzsche Bros
SAF-TEE: Anti-Freeze, Alcohol—United Distillers of America
SAFTE-TERG: Cleaners—Fuld Bros
SAF-TEX: Solvents, Shellac—United Distillers of America
SAGATINE: Tartar Substitutes—Sagamore Color & Chem Co
SAIRSET: Mortars, Refractory—A P Green Fire Brick Co
SALVINOL: Solvents—Florasynth Labs
SAMPSON: Glue, Hide—Swift & Co
SAMRAK: Alcohol, Anti-Freeze—Frank Samuel & Co
SAMSON: Cleaners, Dairy—Diamond Alkali Co
SANA-FILTER: Cleaners, Dry—Huntington Labs
SANCO: Paint Products—Monroe Sander Corp
SANEK: Products—Kimberly-Clark Corp
SANFOL: Penetrants, Sanforizing—Titan Chem Products
SANFOROL: Finishes, Textile—Standard Chem Products
SANI-BOWL: Cleaners, Bowl, Industrial—Uncle Sam Chem Co
SANI-FLEX: Pumps, Sanitary—Vanton Pump Corp
SANIGLAS: Goggles, Safety—American Optical Co
SANI-PLAN: Products—Diversey Corp
SAN-I-TANKS: Products—Metal Glass Products Co
SANITOR: Pumps, Sanitary—Viking Pump Co
SANITOSE: Finishes, Textile—Onyx Oil & Chem Co
SANITYPE: Products—F R Hormann & Co
SANI-WHITE: Bleaches & Disinfectants—G S Robins & Co
SAN PHENO X: Disinfectants—Huntington Labs
SANTALOOM: Textile Specialties—Merrimac Div, Monsanto Chem Co
SANTICIZER: Plasticizers—Monsanto Chem Co, Organic Chem Div
SANTOBANE: DDT—Monsanto Chem Co, Organic Chem Div
SANTOBRITE: Algicide—Hill Bros Chem Co
SANTOBRITE: Sodium Pentachlorophenate, Technical—Monsanto Chem Co, Organic Chem Div
SANTOCEL: Silica Amorphous—Merrimac Div, Monsanto Chem Co
SANTOCHLOR: p-Dichlorobenzene—Monsanto Chem Co, Organic Chem Div
SANTOCURE: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
SANTODEX: Additives, Oil—Monsanto Chem Co, Organic Chem Div
SANTOFLEX: Anti-Oxidants, Rubber—Monsanto Chem Co, Organic Chem Div
SANTOLENE: Additives, Oil—Monsanto Chem Co, Organic Chem Div
SANTOLITE: Resins, Industrial—Monsanto Chem Co, Organic Chem Div
SANTOLUBE: Additives, Oil—Monsanto Chem Co, Organic Chem Div
SANTOMASK: Masking Agents, Odor—Monsanto Chem Co, Organic Chem Div
SANTOMERSE: Detergents, Synthetic—Monsanto Chem Co, Phosphate Div
SANTOPHEN: Germicides—Monsanto Chem Co, Organic Chem Div
SANTOPHEN 20: Pentachlorophenol, Technical—Monsanto Chem Co, Organic Chem Div
SANTOPOID: Additives, Oil—Monsanto Chem Co, Organic Chem Div
SANTOPOUR: Additives, Oil—Monsanto Chem Co, Organic Chem Div
SANTOSITE: Sodium Sulfite, Anhydrous, Technical—Monsanto Chem Co, Organic Chem Div
SANTOTAN: Chrome Sulfate, Basic—Monsanto Chem Co, Organic Chem Div
SANTOVAR: Anti-Oxidants, Rubber—Monsanto Chem Co, Organic Chem Div
SANTOWHITE: Anti-Oxidants, Rubber—Monsanto Chem Co, Organic Chem Div
SANTOZONE: Preservatives, Rubber—Monsanto Chem Co, Organic Chem Div
SAPOTEX: Soap Powders—G S Robins & Co
SARCO CONCENTRATE: Products—Slater-Robbins Co
SARCO-SOL: Products—Slater-Robbins Co
SARTORIUS NO 1: Grades of Oil, Ylang Ylang—Fritzsche Bros
SASSAFROL: Substitutes for Oil, Sassafras—Fritzsche Bros
SATANITE: Mixtures, Fire Clay—A P Green Fire Brick Co
SATINCAST: Products—Cooper Alloy Foundry Co
SATIN GLOSS: Polishes, Stove—Pingo Co
SATIN GLOSS: Waxes, Floor—Uncle Sam Chem Co
SATISFACTORY MACHINERY: Products—Patterson Foundry & Mach Co
SATTONA: Paints, Wall, Rubberized—McDougall-Butler Co
SATURDAY PATCH: Patching Materials, Concrete—Euclid Chem Co
SATURSEAL: Products—Crowley Tar Products Co
SAUEREISEN: Products—Sauereisen Cements Co
SAUNDERS: Valves, Diaphragm—Hills McCanna
SAVANOL: Oil, Castor, Sulfonated—General Dyestuff Corp
SAVE-LITE: Finishes, Interior—Sherwin-Williams Co
SAVONAFIX: Fixatives, Perfumes—Fritzsche Bros
SAV-ON PINE: Soaps, Scrub—Uncle Sam Chem Co
SAYLOR'S: Cements—Coplay Cement Mfg Co
SCALITE: Products—Diversey Corp
SCHAUB: Boiler Feed Water Systems—Fred H Schaub Engrg Co
SCHENLEY: Alcohol Products—Schenley Distillers
SCIENTIFIC: Filters—Scientific Filter Co
SCIR-A-LAC: Products—Twin City Shellac Co
SCOTCH: Tapes, Electrical, Holding & Marking—Minnesota Mining & Mfg Co
SCOTCHLITE: Signs, Reflective, Self-Sticking—W H Brady Co
SCOURITE: Soap Products—Utility Chem Co
SCREEN-ALL: Screens, Vibrating—Lippmann Engrg Works
SCREW SEAL: Pipe, Acid-Proof—Robinson Clay Product Co
SCREW-SEAL: Pipe, Clay, Vitrified, Acid-Resisting—Robinson Clay Product Co
SCREWY: Hooks (Guy Line), Logging, Rigging—Electric Steel Foundry Co
SCRIPTEX: Adhesives—Scriptex Products Co
SCRU-PELLER: Pumps, Slurry, Sludge—Chicago Pump Co
SEA FOAM: Soap—Colgate-Palmolive-Peet Co
SEAKEM: Colloids—Seaplant Chem Corp
SEAL: Adhesives—Philadelphia Quartz Co
SEALBRAND: Lime, Hydrated & Quicklime—Mississippi Lime Co
SEAL-CLAD: Motors—Allis-Chalmers Mfg Co
SEALCOAT: Products—Nielco Chem
SEALDFLOW: Drives, Fan, Cooling Tower—J F Pritchard & Co
SEALDPOWER: Motors, Polyphase—Crocker Wheeler Div
SEALED-DISC: Filters—Alsop Engrg Corp
SEALMASTER: Bearings—Stephens-Adamson Mfg Co
SEALOL: Oil, Refrigerator—Esso Standard Oil Co
SEALOL: Seals—Sealol Corp
SEAL-O-SAN: Enamels, Concrete—Huntington Labs
SealPak: Bags, Laminated—Mente & Co
SEALTITE: Machinery, SealHng, Paper Bag—Consolidated Packaging Machy Corp
SEALZ: Products—Naugatuck Chem Div
SEALZ MELTER: Devices, Melting (for Thermoplastic Rubber Compounds)—Naugatuck Chem Div
SEAMSEAL: Caulking Compounds—L W Ferdinand & Co
SEAPELL: Water Repellants—Seaboard Industries
SEAPENS: Tubes, Marking—Seaboard Industries
SEASON MAKER: Air Conditioning Units—McQuay, Inc
SEASON MASTER: Air Conditioning Units—McQuay, Inc
SEASYN: Soaps, Synthetic—Seaboard Industries
SEATERGE: Detergents—Seaboard Industries
SEAWATE: Weighters—Seaboard Industries
SEBACOL: Dehairing Compounds—Wallerstein Co
SECURIT: Cements—Howe & French
SEEDINE: Stearics, Vegetable—Woburn Chem Corp
SEE-SAFE: Products—Mehl Mfg Co
SEILLANS: Oil, Flower—Fritzsche Bros
SELEC: Transmissions, Speed—Lovejoy Flexible Coupling Co
SELECTROL: Checkweighers, Automatic—Exact Weight Scale Co
SELECTROL: Controls, Liquid Level—Automatic Control Co
SELECTUS: Gelatin, Technical—Swift & Co
SELF-PUMPING: Stills—Scientific Glass Apparatus Co
SELLOGEN: Fatty Acid Esters—Jacques Wolf & Co
SEMESAN: Disinfectants, Seed—E I du Pont de Nemours & Co, Grasselli Chem Dept
SEMI-LUSTRE: Enamels, Semi-Gloss, Interior—Sherwin-Williams Co
SEMINOLE: Products—Florida Agricultural Supply Co Div
SEMI-ROBOT: Gas Analyzers—Podbielniak, Inc
SEMISOL: Glue, Bone, Semi-Solid—Swift & Co
SENCO: Products—Sennewald Drug Co

SENCO: Products—George Senn
SENIOR: Lubricators—Lunkenheimer Co
SENSATHERM: Thermostats, Room—Mercoid Corp
SENSITROL: Products—Weston Elect Instrument Corp
SENSITROL: Valves, Oil—North American Mfg Co
SENTINEL: Anti-Freeze—Cliffs Dow Chem Co
SENTINEL: Cups, Oil—Lunkenheimer Co
SENTRY: Oils—Cities Service Petroleum
SEPTO-SOUR: Sours, Laundry—Diamond Alkali Co
SEQUESTRENE: Acid, Ethylene Diamine Tetracetic—Alrose Chem Co
SEQUET: Cleaners, Bottle—Diamond Alkali Co
SERENE GREEN: Colors, Dry, Green—Sherwin-Williams Co
SERICOSE: Binders, Textile—General Dyestuff Corp
SERICOSOL: Solvents, Dye—General Textile Corp
SERIZYME: Desizing Agents & Strippers, Film—Wallerstein Co
SERONEX: Boil-Off Compounds & Degummers, Silk—Titan Chem Products
SERVOL: Gaskets—Chicago Gasket Co
SERVOMECHANISMS: Computing Service, Analog—Askania Regulator Co
SESQUILATE: Cleaners, Alkali—Diamond Alkali Co
SETAMOL: Retardants, Dye—General Dyestuff Corp
SETCOL: Colorsets—Seaboard Industries
SETIT: Products—Titanium Alloy Mfg Div
SHADOGRAPH: Scales—Exact Weight Scale Co
SHAMPAROMES: Perfume Bases for Shampoos—Naugatuck Aromatics
SHAMROCK GREEN: Colors, Dry, Green—Sherwin-Williams Co
SHAMVA: Magnesite, Magnesia, Polishes, etc—Golwynne Chem Corp
SHANCO: Resins—W R E Andrews Sales
SHAWINIGAN: Calcium Carbide—Shawinigan Products Corp
SHAWNEE: Colors, Dry—Kentucky Color & Chem Co
SHEA-LAC: Shellac Substitutes—Acme Shellac Products Co
SHEAR-SEAL: Valves—Barksdale Valves
SHED-A-LEAF: Defoliants—Chipman Chem Co
SHEFFIELD: Oils, Quenching—W A Wood Co
SHELLACOL: Solvents, Proprietary—Commercial Solvents Corp
SHERDYE: Emulsions, Pigmented—Sherwin-Williams Co
SHEROLATUM: Petrolatum—Sherwood Refining Co
SHEROSINE: Wax, Ceresine—Sherwood Refining Co
SHEROSOL: Oil Bases, Soluble—Sherwood Refining Co
SHEROSOPE: Sulfonates, Petroleum—Sherwood Refining Co
SHEROSORB: Compounds, Sweeping—Sherwood Refining Co
SHEROWAX: Wax, Petroleum—Sherwood Refining Co
SHIELDALLOY: Products—Shieldalloy Corp Div
SHIRAYUKI: Monosodium Glutamate—International Minerals & Chem Corp, Amino Products Div
SHIRLAN: Fungicides, Textile—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
SHONE: Ejectors, Pneumatic Sewage—Yeomans Bros Co
SHOP MULES: Products—Buda Co
SHOWBAG: Bags & Liners—Central States Paper & Bag Co
SHRINK-MASTER: Shrink-Resistant Process (for Woolens)—Naugatuck Chem Div
SHRIVER: Products—T Shriver & Co
SHU-GLO: Dressings, Leather—Sigma Chem Co
SHUNTFLO: Products—Builders-Providence
SIECOFIN: Finishes, Textile—Siegel Chem Co
SIECOSIST: Scouring Compounds, Textile—Siegel Chem Co
SIECOTERG: Scouring Compounds, Textile—Siegel Chem Co
SIGHT-O-MATIC: Mills, Roller—J M Lehmann Co
SIGNAL: Oil Cups—William Powell Co
SIKA: Waterproofing, Masonry—Sika Chem Corp
SIKACRETE: Waterproofing Agents, Masonry—Sika Chem Corp
SIKA-KOTE: Coatings, Cement—Sika Chem Corp
SIKA SEAL: Coatings, Acid-Proof, Alkali-Proof & Asphalt—Sika Chem Corp
SIKA STRIP COAT: Coatings, Strippable—Sika Chem Corp
SIKA TRANSPARENT: Sealers, Masonry & Waterproofing Agents, Coloriess & Masonry—Sika Chem Corp
SILAS: Products—Silas & Co
SILASTIC: Rubber, Silicone—Dow Corning Corp
SILENE EF: Pigments, Rubber—Columbia-Southern Chem Corp Sub
SILENT HOIST: Cranes, Car Spotters, Winches & Windlasses—Silent Hoist & Crane Co
SIL-FOS: Alloys, Silver Brazing—Handy & Harman
SILIMITE: Boiler Feed Water Treatment for Silica Removal—Allis-Chalmers Mfg Co
SILMAX: Brick, Silica—Robinson Clay Product Co
SIL-TRODE: Electrodes, Bronze, Shielded-Arc Silicon—Ampco Metal
SILVALOY: Brazing Alloys, Silver—American Platinum Works
SILVALOY: Fluxes, Welding, Brazing & Soldering—Linde Air Products Co Div
SILVER ANCHOR: Flavors—H Kohnstamm & Co
SILVER KING: Products—Boston Woven Hose & Rubber Co
SILVER-LUME: Plating Processes—Hanson-Van Winkle-Munning Co
SILVERTONE: Powders, Metallic—Rohm & Haas Co
SILVERTOP: Valves, Air Release—V D Anderson Co
SIMON: Collectors, Dust, Suction Filter—Entoleter Div
SIMPLE METHODS: Plating Solutions, Analyzing—Hanson-Van Winkle-Munning Co
SIMPLEX: Couplings, Flexible—Johns-Manville
SIMPLEX: Soaps, Laundry—H Kohnstamm & Co
SIMPSON MIX-MULLER: Mixers, Batch—Simpson Mix Muller Div
SIMPSON MIX MULLER: Products—Simpson Mix Muller Div
SIMPSON PORTO-MULLER: Mixers, Portable—Simpson Mix Muller Div
SINGLEDISCS: Filter Cloth Blankets—Multi-Metal Wire Cloth Co
SI-O-LITE: Silica Gel—Mallinckrodt Chem Works
SIPON: Detergents, Synthetic—American Alcolac Corp
SISALIN: Sections—Hanson-Van Winkle-Munning Co
SISALWEEV: Sections—Hanson-Van Winkle-Munning Co
SITOL: Specialties, Textile—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
SITURGE: Cleaners, Glass—Arol Chem Products Co
SIXIDE: Benzene Hexachloride—Commercial Solvents Corp
SKIL: Products—Gallowhur Chem Corp
SKIP PIPE: Pipe, Underdrain—Robinson Clay Product Co
SKULLGARD: Hats & Caps, Protective—Mine Safety Appliances Co
SKYDROL: Fluids, Hydraulic, Aircraft—Monsanto Chem Co, Organic Chem Div
SLIMSITE: Flow Sights—Podbielniak, Inc
SLIP-EASY: Products—Riverside Chem Co
SLIP JOINT: Compounds—Robinson Clay Product Co
SLO-SPEED: Products—Sterling Elec Motors
SLY: Filters, Dust—W W Sly Mfg Co
SMOOTHTEX: Filter Cloth, Metallic—Multi-Metal Wire Cloth Co
SNAP-ON: Wrenches & Tools—Snap-On Tools Corp
SNAP WIRE: Powder, Drawing—Swift & Co
SNODOTTE: Acids, Fatty, Hydrogenated—Archer-Daniels-Midland Co, Chem Products Div
SNO-PAK: Base, Floral—Colton Chem Co
SNOWFINE: Sodium Sesquicarbonate—Solvay Process Div
SNOWFLAKE: Sprays, Moth—Uncle Sam Chem Co
SNOWFLAKE CRYSTALS: Sodium Sesquicarbonate—Solvay Process Div
SNOWLINE: Mineral Supplements for Animal & Poultry Feeding—Snow & Co
SNOW TOP: Calcium Carbonate, Precipitated—West Virginia Pulp & Paper Co
SNYDER STANDARD: Rubber Products—M L Snyder & Son
SNYDER'S: Clothing—M L Snyder & Sons
SOA: Esters—Carbide & Carbon Chem Co Div
SOAC: Products—C P Hall Co
SOAPERIOR: Soaps—United States Sanitary Specialties Corp
SOAPOLS: Perfume Compounds for Soaps—Naugatuck Aromatics
SOAPTERGENT: Detergents, Synthetic—Essential Chem Co
SOBENATE: Sodium Benzoate, Special—Seydel Chem Co
SODA BRIQUETTES: Desulphurizers—Columbia-Southern Chem Corp Sub
SODASORB: Absorbents, Acid Gas—Dewey & Almy Chem Co
SODIUM CYANAMID: Defoliants—American Cyanamid Co, Agricultural Chem Div
SODIUM POLYPHOS: Sodium Phosphate, Glassy—Blockson Chem Co
SOFTASILK: Products—Gerson-Stewart Corp
SOFTENER EG: Products—Synthetic Chem
SOFTEX: Fillers—Whittaker, Clark & Daniels
SOFTEX: Products—Synthetic Chem
SOFTEX: Softeners, Textile—Standard Chem Products
SOFTOL: Oils, Textile—Standard Chem Products
SOFTONE: Developers, Photographic—Mallinckrodt Chem Works
SOILDUSTO: Insecticides—Miller Products Co
SOILFUME 60-40: 42% Ethylene Dibromide by Weight—Westvaco Chem Div
SOILFUME 85: 83 % Ethylene Dibromide by Weight—Westvaco Chem Div
SOILICIDE: Insecticides—Miller Products Co
SOLAR: Dyes, Paper—General Dyestuff Corp
SOLASOL: Sodium Sulfate, Lauryl—Aceto Chem Co
SOLFAST GREEN: Colors, Dry, Green—Sherwin-Williams Co
SOLFAST RED: Colors, Dry, Red—Sherwin-Williams Co
SOLFAST SKY BLUE: Colors, Dry, Phthalocyanine Blue—Sherwin-Williams Co
SOL FLUX: Products—Klem Chem
SOLIDINA: Fixing Agents, Dye—Standard Chem Products
SOLIDOGEN: Fixing Agents, Textile—General Dyestuff Corp
SOLIGEN: Driers, Naphthenate—Advance Solvents & Chem Corp
SOLKA: Cellulose—Brown Co
SOLKA FLOC: Fillers, Plastic—Brown Co
SOLKO: Soaps, Dry Cleaning—H Kohnstamm & Co
SOLOX: Alcohol, Denatured—United States Industrial Chem Co Div
SOLOZONE: Sodium Peroxide—E I du Pont de Nemours & Co, Electrochem Dept
SOLRICIN: Soaps—Baker Castor Oil Co
SOL-U-SOAP: Soaps, Dry Cleaning—Huntington Labs
SOLVATONE: Solvents—Carbide & Carbon Chem Co Div
SOLVENOL: Solvents—Hercules Powder Co
SOLVESSO: Petroleum, Solvent, Aromatic—Esso Standard Oil Co
SOL-VET: Water Treatment Compounds—Anderson-Stolz Corp
SOLVIT—Products—Emulsol Corp
SOLVOL: Scours & Detergents, Rayon & Acetate—Titan Chem Products
SOLVOLINE: Oils, Soluble, Metal-Working—Phoenix Oil Co
SOOT BLOWERS: Products—Copes-Vulcan Div
SOOTENE: Anti-Soot Compounds—Feedwaters Inc
SOPANOX: Anti-Oxidants, Soap—Monsanto Chem Co, Phosphate Div
SORAPAL: Germicides—General Dyestuff Corp
SORAPON: Scouring Compounds—General Dyestuff Corp
SORBIT: Sulfonates, Alkyl Naphthalene—Alrose Chem Co
SORBO: Sorbitol—Atlas Powder Co
SORBO-CEL: Materials for Absorbing Chemicals—Johns-Manville
SOROMINE: Softeners, Textile—General Dyestuff Corp
SOYASTYRE: Oil, Soya-Styrenated—Woburn Chem Corp
SPA: Filters, Water—Sparkler Mfg Co
SPACEMASTER: Products—Lewis-Shepard Products
SPAL: Detergents, Synthetic—Huntington Labs
SPAN: Surface Active Agents, An-Ionic—Atlas Powder Co
SPARKLEEN: Dishwashing Compounds—Utility Chem Co
SPARKLER: Filters, Plate, Horizontal—Sparkler Mfg Co
SPARMITE: Barium Sulfate—C K Williams & Co
SPAR-SAN: Detergents & Sanitizers—Utility Chem Co
SPEAR: Products—Jordan Co
SPECIAL FLAKE: Caustic Alkali—Solvay Process Div
SPECIALIME: Compositions—Hanson-Van Winkle-Munning Co
SPECIAL SPEEDFLOW: Filter Aids—Dicalite Div
SPECIFICATION: Pitch, Roofing—Barrett Div
SPECO: Fluxes, Soldering & Pastes—Pfanstiehl Chem Co
SPEC-TAK: Products—Diversey Corp
SPECTROLENE: Azoic Compounds, Stabilized—Hilton Davis Chem Co Div
SPECTRO-SADIC: Convertors, Digital—Consolidated Engrg Corp
SPEEDEX: Filter Aids—Dicalite Div
SPEED FLITE: Conveyors, Flight—Lippmann Engrg Works
SPEED-FLO: Pumps, Transfer—Lincoln Engrg Co
SPEEDFLOW: Filter Aids—Dicalite Div
SPEED-LAY: Pipe Systems—Albert Pipe Supply Co
SPEEDLINE: Expanders—Horace T Potts Co
SPEEDLINE: Products—Morehouse Industries
SPEEDOMAX: Recorders & Controllers—Leeds & Northrup Co
SPEEDPLUS: Filter Aids—Dicalite Div
SPEED-TROL: Products—Sterling Elec Motors
SPEEDWEIGH: Products—Toledo Scale Co
SPEKKER: Products—Jarrell-Ash Co
SPEN-AMM: Ammonia, Anhydrous—Spencer Chem Co
SPENSOL: Ammoniating Solutions—Spencer Chem Co
SPERGON: Fungicides & Protectants, Seed—Naugatuck Chem Div
SPHERON: Channel Black-Gokdfrey L Cabot
SPHINX: Products—Arabol Mfg Co
SPIEGEL: Pumps—Easy Industries
SPINCO: Products—Specialized Instruments Corp
SPINESSO: Oil, Spindle—Esso Standard Oil Co
SPIRACTOR: Products—Permutit Co
SPIRIT DYBRITE: Dyes, Basic—Calco Chem Div
SPIROKLEEN: Collectors, Dust—Turner & Haws Engr Co
SPIROTO: Inks, Rotogravure, Alcohol—Gotham Ink & Color Co
SPIZZ: Flavors, Lemon (Bottlers')—Perfection Co
SPOTLESS: Chloroform—Slater-Robbins Co
SPRACO: Products—Spray Engrg Co
SPRADUSTO: Insecticides—Miller Products Co
SPRAMALT: Syrup, Malt—Standard Brands, Special Products Div
SPRA-O-CIDE: Insecticides—Miller Products Co
SPRAOL: Dressings, Floor—Fuld Bros
SPRARITE: Nozzles, Spray—Binks Mfg Co
SPRA-TAINER: Cans, Pressure Propelled—Crown Can Co
SPRATONE: Insecticides & Fungicides—Miller Products Co
SPRAY: Spray Solutions, Non-Offset—Paisley Products
SPRAY ALL: Insecticides—B R Elk & Co
SPRAYSENE: Carriers, Insecticide—Sherwood Refining Co
SPRAYSOY: Spreaders, Agricultural Spray—Glidden Co, Soya Products Div
SPREADER 101: Wetting Agents—Miller Products Co
SPREADO: Wetting Agents—Miller Products Co
SPREX A C: Cleaners, Aluminum—Du Bois Co
SPRING BEARING: Trucks—West Bend Equipment Corp
SQUARE SIFTER: Machines, Gyratory Sifting—Allis-Chalmers Mfg Co
SQUIRES: Specialties, Steam—C E Squires Co
STABILIDE: Potassium Iodide Mixture—Mallinckrodt Chem Works
STABILINE: Regulators, Voltage, Automatic—Superior Elec Co
STABILITE: Products—C P Hall Co
STABILIZER: Products—Phenix Foods Co
STABILO: Gelatin, Edible—Swift & Co
STA-CLEAR: Screens, Woven Wire—Ludlow-Saylor Wire Co
STACON: Controls, Temperature—Farris Stacon Corp
STAFLAT: Glue, Nonwarp—Swift & Co
STAFLEX: Glue, Flexible—Swift & Co
STAFLEX: Plasticizers—Deecy Products Co
STAKLEEN: Fluids, Cleaning—Kali Mfg Co
STA-KLEEN: Screens, Vibrating for Fine Materials—Allis-Chalmers Mfg Co
STALE-X: Anti-Staling Agents—Dominion Products
STAMINITE: Pipe, Culvert, Clay, Vitrified & Cement, Acid Proof—Robinson Clay Product Co
STANCO: Carbon Black—United Carbon Co
STANDAFIN: Finishes, Textile—Standard Chem Products
STANDAPOL: Oil, Sulphur—Standard Chem Products
STANDARD: Silicates, Sodium—Diamond Alkali Co
STANDARD: Timers—Standard Electric Time Co
STANDARDAIRE: Blowers, Compressors, Pumps—Read Standard Corp
STANDARD AIR FLOAT: Clays, Filler—Georgia Kaolin Co
STANDARD SUPER-CEL: Filter Aids—Johns-Manville
STANDATROL: Relays, Air-Operated—Bailey Meter Co
STANLEY: Products—Stanley Works
STANNOCHLOR: Tin Chloride—Metal & Thermit Corp
STANODEX: Syrup, Malt—Standard Brands, Special Products Div
STANOFILL: Syrup, Malt—Standard Brands, Special Products Div
STANTEOSINE: Softeners, Substantive—Standard Chem Products
STANTEX: Oils, Textile, Wool, Rayon, Cotton & Nylon Coning—Standard Chem Products

STAN-TONE: Colors—Harwick Standard Chem Co
STAPAK: Drums, Fibre—Continental Can Co
STAPLBOND: Brushes—Hanson-Van Winkle-Munning Co
STA-PUT: Oils & Greases—E F Houghton & Co
STAR: Chemicals, Texture—Philadelphia Quartz Co
STARTEX: Alkali, Industrial—H Kohnstamm & Co
STASAFE GRA-LITE: Coveralls, Acid-Resistant—Standard Safety Equipment Co
STA-SMOOTH: Screens, Woven Wire—Ludlow-Saylor Wire Co
STATEX 125: Products—Binney & Smith Co
STATIKIL: Anti-Static Compounds, Liquid—J E Doyle Co
STA-TRU: Screens, Woven Wire—Ludlow-Saylor Wire Co
STAYBELITE: Resins—Hercules Powder Co
STAYBELITE ESTER: Resins—Hercules Powder Co
STEARAL: Alcohol, Stearyl, USP—Robinson Wagner Co
STEARITE: Oils, Fish, Hydrogenated—Witco Chem Co
STEARNS MAGNETIC: Products—Stearns Magnetic Inc
STERO: Products—Patent Chem
STEELBINDER: Tools, Strapping—A J Gerrard & Co
STEELCARVE: Sprockets—Jeffrey Mfg Co
STEELCRAFT: Drums—Fibre Drum Co
STEELFLEX: Products—Universal Metal Hose Co
STEEL KLEEN: Cleaners, Alkali—Heatbath Corp
STEELOSCOPE: Products—Jarrell-Ash Co
STEEL-SET: Glue, Industrial Repair—Paisley Products
STEEL-SIX: Instruments, Testing Electrical—Roller-Smith Corp
STELLAR: Filters—Infilco Inc
STEMALLOY: Alloys, Silicon Bronze—Lunkenheimer Co
STEMPEL: Extinguishers—M L Snyder & Son
STEPANOL: Lauryl Sulfates—Stepan Chem Co
STERAL: Rust Removers & Sequestering Agents—Arol Chem Products Co
STERIFLO: Products—F R Hormann & Co
STERIMINE: Germicides—Wallace & Tiernan Products
STERLCO: Products—Sterling Inc
STERLING: Furnace Black—Godfrey L Cabot
STERLING: Incinerators, Refuse—C O Bartlett & Snow Co
STERLING: Products—International Salt Co
STEROX: Detergents, Non-Ionic—Monsanto Chem Co, Phosphate Div
STEROX: Textile Specialties—Merrimac Div, Monsanto Chem Co
STEROX 110: Anti-Frothing Agents—Monsanto Chem Co, Phosphate Div
STEROZOL: Preservatives, Leather—Wallerstein Co
STEVEDORE JR: Products—Rapids-Standard Co Inc
STIKTOTIN: Products—Marks Chem Works
STIKTOTIN: Products—Stiktotin Co
STILBENE: Dyes, Direct—General Dyestuff Corp
STILBEST: Flux, Solder, Hard—Linick Chem Co
STIRLING: Boilers—Babcock & Wilcox Co
STIX: Cements, Plastic—Adhesive Products Corp
STIXSO: Adhesives—Philadelphia Quartz Co
STOKATIMER: Controls, Stoker Timing—Mercoid Corp
STONELITE: Dolomite—Ohio Hydrate & Supply Co
STONITE: Asbestos, Molded—Pabco Products
STOP: Products—Kleen-Kote Co
STOV GLAZ: Products—Pingo Co
STOVLIME: Compositions—Hanson-Van Winkle-Munning Co
STOVWAX: Products—Pingo Co
STOWE: Stokers, Industrial—Johnston & Jennings Co
STRAIN ANALYZER: Instruments, Testing—Brush Development Co
STRAWBERRY BIG: Plant Hormones—Miller Products Co
STREAMBARKER: Log Barkers, Hydraulic—Allis-Chalmers Mfg Co
STREAMJET: Nozzles, Spray—Spraying Systems Co
STREAMLINER: Stills, Water & Sterilizers—Precision Scientific Co
STRIP AID: Products—Klem Chem
STRIPANOLE: Stripping Agents, Dye—Titan Chem Products
STRIPPOLYTE: Products—Slater-Robbins Co
STRIPSOL: Glue, Stripping—Paisley Products
STRIPTEX: Products—Diversey Corp
STRIPZIT: Removers, Paint & Varnish—A J Stull & Co
STROBA WAX: Waxes, Synthetic—Glyco Products Co
STROBOLUX: Light Source—General Radio Co
STROBOTAC: Tachometers—General Radio Co
STRODEX: Detergents, Textile—Dexter Chem Corp
STRONG: Products—Strong, Carlisle & Hammond Co
STYLE A-79: Bags, Anode—Hanson-Van Winkle-Munning Co
STYLE D: Bags, Anode—Hanson-Van Winkle-Munning Co
STYLE E: Bags, Anode—Hanson-Van Winkle-Munning Co
STYLE N: Bags, Anode—Hanson-Van Winkle-Munning Co
STYLE S-32: Bags, Anode—Hanson-Van Winkle-Munning Co
STYLE S-64: Bags, Anode—Hanson-Van Winkle-Munning Co
STYL-O-MATIC: Conveyors—Island Equipment Corp
STYL-O-VEYOR: Boosters, Belt—Island Equipment Corp
STYMER: Textile Specialties—Merrimac Div, Monsanto Chem Co
STYRATONE: Products—Claremont Pigment Dispersion Corp
STYRENOL: Extracts, Styrax—P Robertet Inc
STYRETEX: Resins—Jones-Dabney Co
STYROFOAM: Polystyrene, Expanded—Dow Chem Co
STYRON: Polystyrene—Dow Chem Co
SUBCOMCO: Products—Submerged Combustion Co of America
SUBMINIATURE: Switches—Minneapolis-Honeywell Regulator Co, Micro Switch Div
SUBWAY: Flooring—Irving Subway Grating Co
SUDAN: Dyes, Resin—General Dyestuff Corp
SUGANILLA: Flavoring Extracts—S B Penick & Co
SU-LAQ: Products—Twin City Shellac Co
SULCO: Products—Sullivan Co
SULFAN: Sulfuric Anhydride, Stabilized—General Chem Div
SULFASAN: Herbicides, Fungicides & Insecticides—Monsanto Chem Co, Organic Chem Div
SULFATITE BI: Wetting Agents—Glyco Prod Co
SULFIDAL: Colloidal Sulfur—Heyden Chem Corp
SULFO: Insecticides, Fungicide—Miller Products Co
SULFOCOLAURATE: Products—Emulsol Corp
SULFOL: Oils, Wool—E F Houghton & Co
SULFORON: Sulfur, Wettable—E I du Pont de Nemours & Co, Grasselli Chem Dept
SULFOX-CIDE: Insecticides, Synergists—S B Penick & Co
SULFRAMINS: Sulfonates, Alkyl Aryl—Ultra Chem Works
SULFRICIN: Starting Materials for Sulfonated Oils—Baker Castor Oil Co
SULPHENONE: p-Chlorophenyl Phenyl Sulphone—Stauffer Chem Co
SULPHO FLAVINE: Dyes, Acid—General Dyestuff Corp
SULPHOL: Oil, Cod, Sulfonated—Kehew-Bradley Co
SULPHON: Dyes, Acid—General Dyestuff Corp
SULPHURSORBER: Removal Units, H_2S—J F Pritchard & Co
SUL-PO-MAG: Potassium Magnesium Sulfate—International Minerals & Chem Corp, Potash Div
SULRESO: Insecticides—Miller Products Co
SULZINC: Insecticides—Miller Products Co
SUMERO: Insecticides—Miller Products Co
SUMP-VAC: Cleaners, Sludge—Spencer Turbine Co
SUNNYSIDE: Removers, Varnish & Oils, Motor—Sunnyside Oil Co
SUNNY SOL: Products—John Wiley Jones Co
SUNOLITE: Waxes, Anti-Sunchecking—Witco Chem Co
SUNPROOF: Inhibitors (Static-Cracking) for Rubber—Naugatuck Chem Div
SUNPROOF JR: Inhibitors (Static-Cracking) for Rubber—Naugatuck Chem Div
SUNRISE: Products—Adolphi Paint & Color Works
SUNSHINE: Cleaners, Neutral—Uncle Sam Chem Co
SUN-TANG: Flavors, Bottles'—Perfection Co
SUPER-7: V-Belts, Multiple Groove—Allis-Chalmers Mfg Co
SUPERAID: Filter Aids—Dicalite Div
SUPER ALKALI 4, 5, 60: Caustic Alkali—Solvay Process Div
SUPER-BECKACITE: Resins, Phenolic, Pure—Reichhold Chem
SUPERBILD: Cleansers, Special—Solvay Process Div
SUPERCHEM: Products—Superior Chem Works
SUPERCLAD: Finishes, Chemical-Resistant—Sherwin-Williams Co
SUPERCLEAR: Gelatin, Edible—Swift & Co
SUPERCLEAR: Gum, Textile Prtg—Jacques Wolf & Co
SUPER-COOL: Laboratory Distilling Apparatus—Podbielniak, Inc
SUPER CUTNO: Packings—Greene, Tweed & Co
SUPER EXCELLO: Belts—Republic Rubber Div
SUPERFINE: Products—Schutz-O'Neill Co
SUPERFLAKE: Products—Superior Flake Graphite Co
SUPER GLOSS: Waxes, Floor—Peerless Chem Co
SUPER GLOSS: Waxes, Floor—Uncle Sam Chem Co
SUPERHESIVE: Glue, Hide—Swift & Co
SUPERHOMO: Homogenizer—Cherry-Burrell Corp
SUPER HYBOND: Brick, Plastic—A P Green Fire Brick Co
SUPERIOR: Crushers, Gyratory & Jaw—Allis-Chalmers Mfg Co
SUPERIOR: Thermometers, Dial & Recording—Palmer Thermometers
SUPERIOR McCULLY: Crushers, Gyratory—Allis-Chalmers Mfg Co
SUPERJET: Lamp Black—C K Williams & Co
SUPERLA: Gelatin, Edible—Swift & Co
SUPERLASTIC: Glue, Flexible—Swift & Co
SUPERLEVEN: Glue, Hide—Swift & Co
SUPERLIME: Compositions—Hanson-Van Winkle-Munning Co
SUPERLITH: Lithopone & Zinc Sulphide Products—C J Osborn Co
SUPERLOID: Ammonium Alginate—Kelco Co
SUPERLOID: Glue, Bone, Ground—Swift & Co
SUPER-LUBE: Oil, Motor—Thompson Chem Co
SUPERMAL: Chains—Jeffrey Mfg Co
SUPERPAX: Products—Titanium Alloy Mfg Div
SUPER PINE: Deodorants—Rosco Labs
SUPER-PLASTIC: Brick, Plastic—A P Green Fire Brick Co
SUPERPLATE: Pasteurizers—Cherry-Burrell Corp
SUPER-PROTECTO: Lead Solutions—Hanson-Van Winkle-Munning Co
SUPER-PYRO: Anti-Freeze, Alcohol—United States Industrial Chem Co Div
SUPERSHEEN: Cleansers, Special—Solvay Process Div
SUPER-SILVERTOP: Traps, Steam—V D Anderson Co
SUPER SOAP: Soaps, Mechanics'—Flash Chem Co
SUPER-SPARKLEEN: Dishwashing Compounds, Hard Water—Utility Chem Co
SUPER-SPEED: Tools—Tri-Clover Mach Co
SUPERTEX: Gelatin, Edible—Swift & Co
SUPERTEX: Gum, Water Soluble—Jacques Wolf & Co
SUPERWHIP: Gelatin, Edible—Swift & Co
SUPRAMINE: Dyes, Acid—General Dyestuff Corp
SUPRANOL: Dyes, Acid—General Dyestuff Corp
SUPREME: Products—Clinton Foods Inc
SUPREX: Clays, Rubber-Makers'—J M Huber Corp
SURESEAL: Products—Surety Rubber Co
SURFA-AERO-SEALZ: Rubber Compounds, Hot Melt—Naugatuck Chem Div
SURFACE: Equipment, Industrial Heating—Surface Combustion Corp
SURFACE ANALYZER: Instruments, Testing—Brush Development Co
SURFA-SEALZ: Rubber Compounds, Hot Melt—Naugatuck Chem Div
SURFA-SELE: Products—Rust-Oleum Corp
SURFAX: Wetting Agents—E F Houghton & Co
SURFEX: Calcium Carbonate, Precipitated—Diamond Alkali Co
SUSPENSO: Calcium Carbonate, Precipitated—Diamond Alkali Co
SUSTANE: Preservatives, Food—Universal Oil Products Co
SWAGELOK: Products—Crawford Fitting Co
SWEATLESS: Powder, Absorbing Moisture—Paisley Products
SWEETLAND: Filters, Pressure—Oliver United Filters
SWIFTSHEEN: Products—Gerson-Stewart Corp
SWING: Diffusers, Air & Gas—Chicago Pump Co
SYLAID: Flatting Agents—Davison Chem Corp
SYLPHON: Products—Fulton Sylphon Div
SYLVENOL: Aromatics, Synthetic—Dow Chem Co
SYLVIOLA: Aromatics, Synthetic—Dow Chem Co
SYMONS: Crushers & Screens—Nordberg Mfg Co
SYNARYL: Gums, Synthetic—Alkydol Labs
SYNASOL: Solvents—Carbide & Carbon Chem Co Div
SYNCHRO-MASTER: Controls, Gear, Differential—% Proportioneers Inc %
SYNCHRO-METER: Telemeters, Electric—Bailey Meter Co
SYNCHRO-OPERATOR: Devices, Synchronizing — Allis-Chalmers Mfg Co
SYNCHRO-VALVE: Valves, Diaphragm Control—Bristol Co
SYNCO: Resins—Snyder Chem Corp
SYNCOAT: Resins—Snyder Chem Corp
SYNCROGEAR: Gearmotors—U S Electrical Motors
SYNCROVERTER: Converters—Bristol Co
SYNEKTAN: Tanstuffs, Synthetic—Jacques Wolf & Co
SYNKO: Soaps, Dry Cleaning—H Kohnstamm & Co
SYNSIZE: Resins—Snyder Chem Corp
SYNSUDS: Soaps, Laundry—H Kohnstamm & Co
SYN TAC: Products—C P Hall Co
SYNTERGENT: Detergents, Synthetic—Nopco Chem Co
SYNTEX: Resins & Varnishes—Jones-Dabney Co
SYNTHAROL: Sizings, Cotton—Arnold, Hoffman & Co
SYNTHAROME: Flavors, Imitation—Florasynth Labs
SYNTHE-COPAL: Gums, Ester—Reichhold Chem
SYNTHE-WOOD: Pastes, Wood—Howe & French
SYNTHOFRUIT: Flavorings, Artificial—Florasynth Labs
SYNTHRAVONS: Finishing Agents—Arnold, Hoffman & Co
SYNTROL: Catalyst Supports & Fullers' Earth—Filtrol Corp
SYN-U-TEX: Resins—Jones-Dabney Co
SYTON: Textile Specialties—Merrimac Div, Monsanto Chem Co

T

T-FLO: Driers—Ansul Chem Co
T-GRID: Products—Electric Furnace Co
THFA: Alcohol, Tetrahydrofurfuryl—Quaker Oats Co, Chem Dept
T L: Wax, Bees, White—Theodor Leonhard Wax Co
T M P: Trimethylolpropane—Heyden Chem Corp
T W: Glue, Tightwrap, Liquid—Paisley Products
TABLE-VEYOR: Products—Rapids-Standard Co Inc
TACKIFLEX: Glue, Flexible—Swift & Co
TAG: Products—Tagliabue Instruments Div
TAKABATE: Bates, Tanning—Takamine Laboratory Inc
TAKALAB: Enzymes, Dry Cleaning—Takamine Lab
TAKALAB TLM: Enzymes, Dry Cleaning—Takamine Lab
TAKASKREEN: Enzymes—Takamine Laboratory Inc
TAKE-HOLD: Solution Mix, Plant Starter—Victor Chem Works
TAKIMERSE: Enzymes, Dry Cleaning—Takamine Lab
TAKO: Products—Thomas Alabama Kaolin Co
TALASE: Desizing Agents—Takamine Lab
TALK-A-PHONE: Intercommunication Systems—Talk-A-Phone Co
TALLENE: Pitch, Tall Oil—West Virginia Pulp & Paper Co
TALLEX: Acid Crystals, Abietic—West Virginia Pulp & Paper Co
TALLOFIN: Softeners, Tallow—Standard Chem Products
TALLOSAN: Tallow, Sulfonated—General Dyestuff Corp
TALLOSIZE: Sizings, Textile—Titan Chem Products
TALLOWENE: Tallow—Hanson-Van Winkle-Munning Co
TAM: Products—Titanium Alloy Mfg Div
TAMAREX: Flavors, Food—S B Penick & Co
TAMOL: Tanning & Dispersing Agents, Synthetic—Rohm & Haas Co
TAN: Products—Titanium Alloy Mfg Div, National Lead Co
TANAK: Tanstuffs, Synthetic—American Cyanamid Co, Industrial Chem Div
TANASOL: Tanstuffs, Synthetic—Jacques Wolf & Co
TANGITE: Chemical Water Treatment—Feedwaters Inc
TANIGAN: Tanstuffs, Synthetic—General Dyestuff Corp
TANKTROL: Controls, Pressure—Automatic Control Co
TANNATE: Packings—J E Rhoads & Sons
TANOLIN: Tanning Compounds—Diamond Alkali Co
TANOYL: Oils, Tanning—Nopco Chem Co
TAPER-LOCK: Drives, V-Belt—Dodge Mfg Corp
TAPETACK: Glue, Animal, Liquid—Swift & Co
TAPE TITE: Moistening Solutions, Gummed Tape—Paisley Products
TARENE: Softeners & Plasticizers—National Rosin Oil Products
TARGET: Hose—Republic Rubber Div
TARMAC: Materials, Road—Koppers Co, Tar Prod Div
TARTAN: Colors—Magruder Color Co
TARVIA: Tar, Road—Barrett Div
TAXITE: Removers, Paint & Varnish—Sherwin-Williams Co
TAYLOR: Products—Taylor Instrument Cos
TEAR-PROOF: Aprons—M L Snyder & Son
TEC-ANTI-FREEZE: Anti-Freeze Compound—Eastman Chemical Products
TECHNOSCENT: Deodorants—Fritzsche Bros
TECMANGAM: Manganese Sulfate—Eastman Chemical Products
TECQUINOL: Hydroquine, Technical—Eastman Chemical Products
TEFLOMATIC: Burettes—Scientific Glass Apparatus Co Inc
TEFLON: Resins, Tetrafluoroethylene—E I du Pont de Nemours & Co, Polychem Dept
TEGACID: Glyceryl Monostearate, Acid-Emulsifying—Goldschmidt Chem Corp

TEGIN: Glyceryl Monostearate, Self-Emulsifying—Goldschmidt Chem Corp
TEGIN 515: Glyceryl Monostearate, Non-Self-Emulsifying—Goldschmidt Chem Corp
TEGIN P: Propylene Glycol Monostearate—Goldschmidt Chem Corp
TEGLAC: Products—American Cyanamid Co, Plastics & Resins Div
TEGO: Resin Film—Rohm & Haas Co
TEGOSEPT M: Methyl p-Hydroxy Benzoate—Goldschmidt Chem Corp
TEGOSEPT P: Propyl p-Hydroxy Benzoate—Goldschmidt Chem Corp
TEGUL-MINERALEAD: Pipe Jointing Compounds—Atlas Mineral Products Co
TEGUL-VITROBOND: Cements, Sulfur—Atlas Mineral Products Co
TELECATOR: Controls, Electrical, Automatic—Automatic Control Co
TELECORDER: Products—Telecomputing Corp
TELECORDEX: Products—Telecomputing Corp
TELEDUCER: Equipment, Data Reduction—Telecomputing Corp
TELEPLOTTER: Products—Telecomputing Corp
TELEPRINT: Recorders, Weight—Howe Scale Co
TELEREADER: Equipment, Data Reduction—Telecomputing Corp
TELESCRIPT: Apparatus, Electrical for Remote Transmission of Writing—Allis-Chalmers Mfg Co
TELESTEP: Controls, Electrical, Automatic—Automatic Control Co
TELETROL: Controls, Electrical Automatic—Automatic Control Co
TELSCO: Threadless Fittings—Texas Lawn Sprinkler Co
TEMBRITE: Products—Diversey Corp
TEMP: Cleaners, Paste—Du Bois Co
TEMP COP: Switches, Thermal—Minneapolis-Honeywell Regulator Co, Micro Switch Div
TEMPERIM: Cast Sprocket Wheels—Chain Belt Co
TENAMENE: Gasoline Inhibitor—Eastman Chemical Products
TENITE: Plastic Molding Composition—Eastman Chemical Products
TENITURF: For Tennis Courts—Asphalt Emulsion Service
TENLO: Emulsifiers & Wetting Agents—Griffin Chem Co
TENN-CHAR: Granulated Charcoal Products—Tennessee Products & Chem Corp
TENN-CREO: Preservatives, Wood—Tennessee Products & Chem Corp
TENN-FLO: Filter, Aids—Tennessee Products & Chem Corp
TENN-PLAS: Plasticizers—Tennessee Products & Chem Corp
TENN-SIL: Foundry Compounds & Abrasives—Tennessee Products & Chem Corp
TENOX: Antioxidants, Food Grade—Eastman Chem Products
TENSOL: Products—Synthetic Chem
TERESSO: Oil, Turbine—Esso Standard Oil Co
TERGITOL: Surface Active Agents—Carbide & Carbon Chem Co Div
TERMITGAS: Liquid—Lewis Chem Co
TERPOSOL: Solvents, High-Boiling—Hercules Powder Co
TERSAN: Fungicides—E I du Pont de Nemours & Co, Grasselli Chem Dept
TERVAN: Waxes—Esso Standard Oil Co
TETRADANE: Insecticides—Miller Products Co
TETRALIN: Tetrahydronaphthalene—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
TETRAPOL: Spot-Proofing Compounds—General Dyestuff Corp
TETRASPRA: Insecticides—Miller Products Co
TETRINE: Sequestering Agents—Glyco Prod Co
TETROLIN: Scouring Agents, Textile—Standard Chem Products
TETRON: Insecticides—American Potash & Chem Corp
TETRON: Tetraethyl Pyrophosphate—Eston Chem
TETRONE: Accelerators, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
TETROSAN: Germicides—Onyx Oil & Chem Co
TEXAPON: Alcohol, Ester, Fatty—Fallek Prod Co
TEX-CAL: Calcium Carbonate—Austin White Lime Co
TEXDRIVE: Sheaves, V-Belt—Allis-Chalmers Mfg Co
TEXINE: Inhibitors, Acid—Consolidated Chem Industries
TEXIRON: Sheaves, Iron for F H P Service—Allis-Chalmers Mfg Co
TEXITE: Cement, Acid Alkali Proof—Nukem Products Corp
TEX-O-ROLL: Tubing, Stainless—A B Murray Co
TEXROPE: Drives, V-Belt—Allis-Chalmers Mfg Co
TEXSLIDE: Bases, Motor for Use with Drives, V-Belt—Allis-Chalmers Mfg Co
TEXSTEEL: Sheaves, Pressed Steel—Allis-Chalmers Mfg Co
TEXTILE SPIRITS: Solvents, Petroleum—American Mineral Spirits Co
TEXTITE: Glue, Non-Warp—Swift & Co
TEXTOLITE: Plastics, Laminated—General Elec, Chem Div
TEXTONE: Sodium Chlorite Products—Mathieson Chem Corp
TEXTURA: Gelatin, Edible—Swift & Co
TEXTURE-SAN: Repellents, Moisture—Huntington Labs
TEXTURIZED: Products—Mineral Pigments Corp
TEXWAY: Bases, Motor for Use with Drives, V-Belt—Allis-Chalmers Mfg Co
THANITE: Insecticide Ingredients—Hercules Powder Co
THELCO: Ovens—Precision Scientific Co
THEMISONE: Anticonvulsant—Mallinckrodt Chem Works
THERMALITE: Indicators, Transformer Overload—Allis-Chalmers Mfg Co
THERMALITE: Products—Tropical Paint & Oil Co
THERMOCOIL UNITS: Kettles, Cast Iron—Bethlehem Foundry & Mach Co
THERMOCOUPLE: Products—Arklay S Richards Co
THERMO-COUSTI: Insulation—H I Thompson Co
THERMO-DECK: Decks for Screens, Vibrating—Allis-Chalmers Mfg Co
THERM-O-FLAKE: Insulation—Illinois Clay Products Co
THERMOFLEX: Anti-Oxidants, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
THERMO-FLO: Heaters, Tank—Brown Fintube Co
THERMO-GUIDE: Thermometers, Dial—Taylor Instrument Co
THERMOHM: Detectors, Temperature, Thermometer Type—Leeds & Northrup Co
THERMO-HUMIDIGRAPH: Recorders, Temperature & Humidity—Bristol Co
THERM-O-LAC: Lacquers, Wood—Grand Rapids Varnish Corp
THERMOLIER: Heaters, Unit—Grinnell Co
THERMOLITE: Stabilizers, Light-Resistant—Metal & Thermit Corp
THERMOSCENT: Deodorants—Fritzsche Bros
THERMOSWITCH: Controls, Temperature—Fenwal Inc
THERMOTEX: Cloth, Cover, Press—H Kohnstamm & Co
THERMOVERTER: Transducers—Bristol Co
THIAZINE: Dyes, Direct—General Dyestuff Corp
THIAZOL: Dyes, Direct—General Dyestuff Corp
TIGER: Cups, Grease—Lunkenheimer Co
THIODOW: Fungicides—Dow Chem Co
THIOFIDE: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
THIOFLAVINE: Dyes, Basic—General Dyestuff Corp
THIOKOL: Rubber, Synthetic—Thiokol Corp
THIONEX: Accelerators, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
THIONINE: Dyes, Basic—General Dyestuff Corp
THIOPHOS: Parathion—American Cyanamid Co, Agricultural Chem Div
THIOVANIC: Acid, Thioglycolic—Evans Chemetics
THIOVANOL: Thioglycerol—Evans Chemetics
THIRAM: Protectants, Seed—Naugatuck Chem Div
THIURAD: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
THOMAS: Couplings, Flexible—Thomas Flexible Coupling Co
THOMASSET CERTIFIED: Colors, Cosmetic—Whittaker, Clark & Daniels
THOMSEN: Products—L C Thomsen & Sons
THOR: Binders, Core—Borden Co, Chem Div
THOROMATIC: Stills—Precision Scientific Co
THOROTRAST: Colloidal Thorium Dioxide, Stabilized—Heyden Chem Corp
THREE DEE: Insecticides—Miller Products Co
THREE ELEPHANT: Borax & Acid, Boric—American Potash & Chem Corp
THREE STAR: Ozokerite—International Wax Refining Corp
THRUSTFRE: Products—Pennsylvania Pump & Compressor Co
THUR-MA-LOX: Paints—Dampney Co
TI-BAR: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
TIC: Products—Tragacanth Importing Corp
TI-CAL: Pigments, Titanium Calcium—E I du Pont de Nemours & Co, Pigments Dept
TICON: Products—Titanium Alloy Mfg Div
TIDECO: Solvents—William S Gray & Co
TIG: Products—Diversey Corp
TIGER: Cups, Grease—Lunkenheimer Co
TIME-IT: Timers, Electric—Precision Scientific Co
TIMKEN: Roller Bearings, Alloy Steel, & Steel Tubing—Timken Roller Bearing Co
TINSTICK: Pastes, Tin Labeling—National Starch Products
TIPAGON: Dyeing Assistants, Wool—Onyx Oil & Chem Co
TIP-TOP: Chemicals, Automotive—Thompson Chem Co
TI-PURE: Titanium Dioxide—E I du Pont de Nemours & Co, Pigments Dept
TIRE: Sulphur, Rubbermaker's (Commercial)—Stauffer Chem Co
TIRE LUBE: Lubricants, Mounting—Peerless Chem Co
TI-SIL: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
TITADINES: Wetting Agents—Titan Chem Products
TITAFINS: Softeners—Titan Chem Products
TITAFIX: Fixing Agents, Dye—Titan Chem Products
TITAGENES: Scouring & Foaming Agents & Detergents, Synthetic—Titan Chem Products
TITAMINES: Active Agents, Surface—Titan Chem Products
TITAMUL: Oils, Cutting & Emulsifying Base & Lubricants, Wool—Titan Chem Products
TITAN: Hoists, Electric—Detroit Hoist & Mach Co
TITAN: Products—Titan Chem Products
TITAN: Valves, Lever Operated—William Powell Co
TITANITE: Products—Adelphi Paint & Color Works
TITANITE: Softeners, Water—Titan Chem Products
TITANOLES: Wetting Agents & Detergents—Titan Chem Products
TITANOX: Pigments, Titanium & Extended Titanium & Titanium Dioxide—Titanium Pigment Corp
TITANSETT: Setting Agents, Dye—Titan Chem Products
TITANTERGE: Detergents—Titan Chem Products
TITANTEX: Soaps, Scouring & Fulling—Titan Chem Products
TITAPEN: Penetrants & Scouring & Fulling Agents—Titan Chem Products
TITAPROOF: Waterproofing Agents—Titan Chem Products
TITARSOLVE: Removers, Tar & Paint & Degreasing Agents—Titan Chem Products
TITASCOUR: Scouring & Fulling—Titan Chem Products
TITASCROOP: Scrooping Agents—Titan Chem Products
TITAWETS: Wetting Agents & Assistants, Dye—Titan Chem Products
TITAZINE: Penetrants, Pyridine, Water-Soluble—Titan Chem Products
TITAZOLES: Detergents—Titan Chem Products
TITAZYME: Desizing Agents—Titan Chem Products
TITE-CAP: Capping Machines, Screw—Tite-Cap Mach Co
TI-TINT: Pigments, Paint—E I du Pont de Nemours & Co, Pigments Dept
TITORLINE: Scours, Wool—Titan Chem Products
TITRILOG: Recorders, Sulfur—Consolidated Engrg Corp
TITRIMETER: Instruments, Testing—Fisher Scientific Co
TITRONIC: Ph Control System—Milton Roy Co
TIZ: Soap Powders—Mitchell Feis
TOBIN BRONZE: Alloys, Tin, Copper, Zinc—American Brass Co
TOCOTONE: Products—Tropical Paint & Oil Co
TOLEDO: Products—Toledo Scale Co
TOLHURST: Centrifugals—Tolhurst Centrifugals Div
TOLURONE: Extracts, Tolu—P Robertet Inc
TONOX: Toners, Rubber—Naugatuck Chem Div
TONSIL: Clays, Activated—L A Salomon & Bro
TORCH BRAND: Lamp Black—L Martin Co
TOREX: Paints, Chlorinated Rubber—Inertol Co
TORIT: Products—Torit Mfg Co
TORRIDORS: Heating Units—Trane Co
TORSION BALANCE: Products—Torsion Balance Co
TOTEMASTER: Products—Lewis-Shepard Products
TOWER: Hose—Republic Rubber Div
TOWER: Magnesium Carbonate—Charles L Huisking & Co
TOXADUSTO: Insecticides—Miller Products Co
TOXASPRA: Insecticides—Miller Products Co
TOXICHLOR: Insecticides, Chlordane—Thompson Hayward Chem Co
TOXIMUL: Emulsifiers, Agricultural—Ninol Labs
TRAC-PULL: Wheels, Drive, Elevator—Beaumont Birch Co
TRACYFIER: Steam Purifiers—Blaw-Knox Co
TRADEX: Cleaners, Alkali—F M Speekman Co
TRALON: Drum Liners, Polyethylene—Traver Corp
TRANSAIRE: Transmitters, Temperature & Pressure—Taylor Instrument Cos
TRANSERT: Products—Speer Carbon Co
TRANSET: Control Systems, Pneumatic, Remote—Taylor Instrument Cos
TRANSITE: Conduit, Electrical & Pipe, Asbestos Cement—Johns-Manville
TRANSOCOLOR: Products—Fred'k A Stresen-Reuter
TRANSPLANTONE: Plant Hormones—American Chem Paint Co
TRANSPORT: Drums—Emery Carpenter Container Co
TRANSPORTAINERS: Products—Dravo Corp
TRASTAN: Products—Arthur C Trask Co
TRAVELON: Lubricants, Conveyor—Essential Chem Co
TREET-O-CONTROL: Meters, Flow—% Proportioneers Inc %
TREET-O-UNIT: Pumps, Proportioning—% Proportioneers Inc %
TREE WHITE: Insecticides—Miller Products Co
TREM: Emulsifiers & Wetting Agents—Griffin Chem Co
TRENT: Products—Trent Inc
TREOPAX: Products—Titanium Alloy Mfg Div
TREX: Emulsifiers & Wetting Agents—Griffin Chem Co
TRI-6: BHC Insecticides—Thompson Hayward Chem Co
TRI-ACT: Controllers, Non-Indicating—Taylor Instrument Cos
TRIANGLE: Carbon Black—United Carbon Co
TRIANGLE: Sulphur, Commercial Flour (Powdered)—Stauffer Chem Co
TRIANGLE BRAND: Products—Phelps-Dodge Refining Corp
TRI-A-NOL: Products—Scholler Bros
TRIBUNE: Hose & Tubing—Continental Rubber Works
TRI-CLAD: Motors—General Elec Co
TRICLENE: Trichlorethylene—E I du Pont de Nemours & Co, Electrochem Dept
TRIDENT: Volumetrics, Water—Neptune Meter Co
TRI-ECEL: Insecticides, Dust Concentrates—S B Penick & Co
TRI-FLO: Aerators—Cherry-Burrell Corp
TRI-HOMO: Products—Tri-Homo Corp
TRIMENE: Accelerators for Rubber—Naugatuck Chem Div
TRIMENE BASE: Accelerators for Rubber—Naugatuck Chem Div
TRIMTROL: Electronic Devices—Airborn Accessories Corp
TRINITY: Thermowells—Trinity Equipment Corp
TRIO: Disinfectants—Trio Chem Works
TRI-O-GLASS: Waxes, Floor—Trio Chem Works
TRI-O-PINE: Disinfectants—Trio Chem Works
TRIOX: Weed Killers—California Spray-Chem Corp
TRIPENTEK: Tripentaerythritol—Heyden Chem Corp
TRIPHOSADEN: Acid, Adenosine Triphosphoric—Schwarz Labs
TRIPLACT: Core Compounds—International Minerals & Chem Corp, Industrial Minerals Div
TRIPLAX: Products—Plax Corp
TRIPLEX: Buffs—Hanson-Van Winkle-Munning Co
TRIPTIDE: Glutathione—Schwarz Labs
TRISCO: Softeners, Textile—Scholler Bros
TRISULPHOIL: Products—Scholler Bros
TRI-SURE: Closures for Steel Drums & Barrels—American Flange & Mfg Co
TRITON: Wetting, Emulsifying, Dispersing & Scouring Agents—Rohm & Haas Co
TRIUMPH: Feeders, Crushers, etc—C O Bartlett & Snow Co
TRIVEX T: Benzene Hexachloride, Technical—Westvaco Chem Div
TRIZYME: Enzymes—Seaboard Industries
TROJAN: Conveyors, Belt, Portable—E W Buschman Co
TROJAN: Greases—Cities Service Oil Co Del
TROJAN: Greases—Cities Service Petroleum
TROJAN: Products—Diversey Corp
TROJAN: Tractors, Monorail—Detroit Hoist & Mach Co
TROL-DUS: Dressings, Floor—Fuld Bros
TRONA: Potash, Soda Ash, Sodium Sulfate, etc—American Potash & Chem Corp
TRONABOR: Sodium Pentaborate, Crude—American Potash & Chem Corp
TROPELITE: Products—Tropical Paint & Oil Co
TROPICAL: Products—Tropical Paint & Oil Co
TROPICAL: Toners, Molybdated—Max Marx Color & Chem Co

TROPICALK: Products—Tropical Paint & Oil Co
TROPIC-ZONE: Insecticides—Carnegie Chem Mfg Co
TROPILUX: Products—Tropical Paint & Oil Co
TRUBASE: Flavors, Fruit Based—H Kohnstamm & Co
TRUBOND: Surface Treatment, Concrete (Retardment Method)—Concrete Specification Surfacing Co
TRU-FLANGE: Eyelets—American Brass Co
TRU-LAC: Products—Twin City Shellac Co
TRULIME: Compositions—Hanson-Van Winkle-Munning Co
TRULINE: Binders, Core, Dry—Hercules Powder Co
TRUODORS: Products—C E Ising Corp
TRUSCALE: Gauges, Remote Reading—Jerguson Gage & Valve Co
TRUSS TYPE: Products—Fritz W Glitsch & Sons
TRUSTY: Strainers, Gasoline—Lunkenheimer Co
TUBE: Sulphur, Rubbermakers' (Refined)—Stauffer Chem Co
TUBE-TURN: Fittings, Welding—Tube Turns Inc
TUEX: Accelerators for Rubber—Naugatuck Chem Div
TUG: Products—Mercury Mfg Co
TUG O'WAR: Glue, Hide—Swift & Co
TUMEROL: Condiment—S B Penick & Co
TURBIDIMETER: Turbidity Indicators, Recorders—Hellige Inc
TURBO: Dryers—Wyssmont Co
TURBO: Mixers & Agitators—General American Trans Corp
TURBOJET: Arc Depotentiators for Circuit Breakers—Allis-Chalmers Mfg Co
TURBO-RUPTOR: Arc Depotentiators for Circuit Breakers—Allis-Chalmers Mfg Co
TURBULAIRE: Dryers, Spray—Western Precipitation Co
TURGUM: Chemicals, Rubber—J M Huber Corp
TURNCUFF: Products—Surety Rubber Co
TURPENOL: Oil, Kier—Standard Chem Products
TURPOL: Pentadecyl—Irvington Varnish & Insulator Co
TURTLE: Fasteners, Belt—Flexible Steel Lacing Co
TWECOTAN: Tanning Extracts—American Cyanamid Co, Industrial Chem Div
TWEEN: Surface Active Agents, An-Ionic—Atlas Powder Co
TWIN DISC: Clutches, Friction—Twin Disc Clutch Co
TWIN-WELD: Hose, Welding—Hewitt-Robins
TWITCHELL: Oils, Textile—Emery Industries
TWO-IN-ONE: Tape—B F Goodrich Co
TWO-SIXTY-TWO: Feed Compounds—E I du Pont de Nemours & Co, Polychem Dept
TWO-WAY: Unit Coolers—McQuay, Inc
TYGON: Materials, Plastic—United States Stoneware Co
TYPEN: Inks, Stencil—H Kohnstamm & Co
TYPHOON: Insecticides, Powder—S B Penick & Co
TY-PLY: Adhesives—Marbon Corp

U

U-BRITENER: Scouring Compounds—Utility Chem Co
UF: Filter Aids—Dicalite Div
U F: Filters, Disk—Scientific Filter Co
US: Valves—William Powell Co
U S BRISK: Detergents—United States Sanitary Specialties Corp
USS: Products—United States Steel Corp
UCILON: Coatings, Paints, Primers, Solvents, Thinners, etc—United Chromium
UCLAF: Products—Roussel Corp
UCON: Fluids & Lubricants—Carbide & Carbon Chem Co Div
UDET: Products—Universal Detergents
UFORMITE: Resins, Synthetic—Rohm & Haas Co
ULTIMATE: Products—Island Equipment Corp
ULTRA-AIRE: Filters, Air—Mine Safety Appliances Co
ULTRACERA: Products—Bareco Oil Co
ULTRAGLOSS: Waxes, Floor—Ultra Chem Works
ULTRAMINS: Softeners, Textile—Ultra Chem Works
ULTRAPOLES: Fatty Amide Condensates—Ultra Chem Works
ULTRA RAY: Pearl Essence—Edward I Petow & Son
ULTRA-SPEED: Drives, Planer, Reversing—Allis-Chalmers Mfg Co
ULTRATONE: Developers, Photographic — Mallinckrodt Chem Works
ULTRON: Vinyl Chloride—Monsanto Chem Co, Plastics Div
ULTROX: Zirconium Silicate—Metal & Thermit Corp
UMBRATHOR: Colloidal Thorium Dioxide—Heyden Chem Corp
UNI-CAST: Buckets, Elevator—Beaumont Birch Co
UNICEL N D: Blowing Agents, Sponge Rubber—E I du Pont de Nemours & Co, Explosives Dept, Chem & Misc Sales
UNICEL N D: Blowing Agents, Sponge Rubber—E I du Pont de Nemours & Co, Explosives Dept
UNICHROME: Coatings, Lacquers, Primers, Removers, etc—United Chromium
UNICLOSED: Motors, AC—U S Electrical Motors
UNIFLO: Oil, Motor—Esso Standard Oil Co
UNI HARD: Chemicals, Metal Hardening—Heatbath Corp
UNI-LAK: Lacquers, Leather—Kepec Chem Corp
UNILUBE: Lubrication Systems—De Laval Separator Co
UNI-MATIC: Purifiers, Oil—De Laval Separator Co
UNION: Thinners—Union Oil Co of Cal
UNION: Valves—William Powell Co
UNION: Wheels—Hanson-Van Winkle-Munning Co
UNIPHATS: Acids, Fatty—General Mills, Chem Div
UNIPOWER: Drives, Gear—Patterson Foundry & Mach Co
UNI-RESIN: Resins, Coatings—Kepec Chem Corp
UNISTAGE: Compressors—Schramm Inc
UNITAIR: Compressors—Joy Mfg Co
UNITANE: Pigments (Titanium Oxides)—Calco Chem Div
UNITED: Wheels—Hanson-Van Winkle-Munning Co
UNITIZED: Conveyor Tables, Belt—Island Equipment Corp
UNITOL: Oil, Tall—Union Bag & Paper Corp
UNITOP: Breakers, Circuit—Allis-Chalmers Mfg Co
UNITRANE: Cooling & Heating, Unitary Room—Trane Co
UNITROL: Centers, Control—Cutler-Hammer
UNIVALVE: Valves, Bonnet, Welded—Edward Valves
UNIVERSAL: Conveyors, Cable Trolley—E W Buschman Co
UNIVERSAL: Purifiers & Sifters, Gyratory Flour—Allis-Chalmers Mfg Co
UNIVERSAL: Wheels—Hanson-Van Winkle-Munning Co
UNIVIS: Oils, Hydraulic—Esso Standard Oil Co
UNIVIS: Oils, Hydraulic—Penola Oil Co
UNIVOLT: Oils, Insulating—Esso Standard Oil Co
UNOWAX: Slack Waxes—Union Oil Co of Cal
UNOX: Penetrants, Fire-Fighting—Carbide & Carbon Chem Co Div
UNQUESTIONABLE QUALITY: Finishes, Wood—V J Dolan & Co
UPACO: Adhesives, Glues, Pastes & Cements—Union Paste Co
UPLIFTER: Elevators, Portable—Revolvator Co
URAC: Products—American Cyanamid Co, Plastics & Resins Div
URAMON: Liquors, Ammonia—E I du Pont de Nemours & Co, Polychem Dept
UREKA: Accelerators, Rubber—Monsanto Chem Co, Organic Chem Div
URELITE: Products—I T E Circuit Breaker Co
URITHENE: Paper, Kraft, Polyethylene Coated—Union Bag & Paper Corp
UROKON: Radiographic Agent—Mallinckrodt Chem Works
UTAH: Feeders, Screens, Conveyors & Driers—Allis-Chalmers Mfg Co
UTALOY: Coatings—Elmco Corp
UTILASTIC: Adhesives, Rubber to Metal—Paisley Products
UTILISCOPE: Equipment, Industrial Television—Diamond Power Specialty Corp
UTILITY: Laundry Blue—H Kohnstamm & Co
UTILITY: Products—Utility Color Co
UTILIVAR: Paints, Aluminum, Varnishes—McDougall-Butler Co
UTIMET: Cleaning Compounds, Metal—Utility Chem Co

V

V3: Switches—Minneapolis-Honeywell Regulator Co, Micro Switch Div
V-90: Acid, Leavening—Victor Chem Works
VGB: Antioxidants for Rubber—Naugatuck Chem Div
VS: Stabilizers for Organic Halides—Baker Castor Oil Co
V W: Polishes—Hanson-Van Winkle-Munning Co
VAC DRY: Shellac—William Zinsser & Co
VACSEAL: Pumps, Acid—Gallgher Co
VACUFLOW: Filling Machines, Powder—Pneumatic Sales Corp Ltd
VACUMATIC: Filters, Constant Vacuum—United States Hoffman Machinery Corp
VACUMETAL: Mercury—Metalsalts Corp
VACUUM-GRIP: Pliers—Snap-On Tools Corp
VAC-VEYOR: Ash Handling Systems—Beaumont Birch Co
VALENCIA: Pumice—Whittaker, Clark & Daniels
VALLEZ: Filters, Leaf, Rotary—Goslin Birmingham Mfg Co
VALVRATOR: Valves—Fischer & Porter Co
VANADE: Emulsifiers, Edible—R T Vanderbilt Co
VANDRYNILLA: Flavors, Products—S B Penick & Co
VANETTE: Powders, Flavoring, Vanilla, Compounded—Florasynth Labs
VANILLAROME: Flavorings, Vanilla, Artificial—Florasynth Labs
VANILLA VERITAS: Concentrates, Vanilla, Pure—Florasynth Labs
VANILLIC ESTER: Flavorings, Vanilla, Artificial—Florasynth Labs
VANLITE: Emulsifiers, Edible—R T Vanderbilt Co
VANO: Blowers—Coppus Engrg Corp
VAPE-SORBER: Products—Selas Corp of America
VAPOCARB-HUMP: Furnaces—Leeds & Northrup Co
VAPOPHOS: Parathion—California Spray-Chem Corp
VAPORITER: Products—Vilter Mfg Co
VAPOTONE: Tetraethyl Pyrophosphate—California Spray-Chem Corp
VAREC: Products—Vapor Recovery Systems Co
VARIAC: Transformers—General Radio Co
VARIAMINE: Dyes, Azo—General Dyestuff Corp
VARI-AMP: Adjustments for Feeder Voltage Regulators—Allis-Chalmers Mfg Co
VARIATOR: Expansion Joints, Packless—American District Steam Co
VARICELL D-C: Supplies, Power—Superior Elec Co
VARIDRIVE: Drives, Variable Speed—U S Electrical Motors
VARI-PITCH: Sheaves, V-Belt & Changers, Speed—Allis-Chalmers Mfg Co
VARI-PULSE: Devices for Screens, Electric Vibrating—Allis-Chalmers Mfg Co
VARI-SPEED: Mixers, Laboratory—Precision Scientific Co
VARI-SPEED: Products—Reeves Pulley Co
VARNITIZED: Fabric, Filter—Varnlton Co
VARNITON: Varnishes, Label & Lubricants, Stopcock—Varnlton Co
VARNO: Cements—Varnlton Co
VARSOL: Solvent, Petroleum—Esso Standard Oil Co
VASELINE: Petrolatum—Chesebrough Mfg Co
VATSOL: Wetting Agents—American Cyanamid Co, Agricultural Chem Div
VEE-FLEX: Packings—Raybestos-Manhattan Inc
VEEGUM: Magnesium, Aluminum Silicate—R T Vanderbilt Co
VEEJET: Nozzles, Spray—Spraying Systems Co
VEGAN: Dyes, Mixed Fibres, Silk & Rayon—Nyanza Color & Chem Co
VEGAN: Fixing Agents, Textile—General Dyestuff Corp
VEGETABLE DUST: Insecticides—Miller Products Co
VEGIMAL: Glue, Vegetable—Paisley Products
VEKO: Flavors—V & E Kohnstamm
VEKOL: Degras, Uniform Quality Substitute—V & E Kohnstamm
VEL: Detergents—Colgate-Palmolive-Peet Co
VELATEX: Gelatin, Edible—Swift & Co
VELATRUM: Wax, Petroleum—Industrial Raw Materials Corp
VELVACAST: Clays, China—Georgia Kaolin Co
VELVAMINE: Softeners—Refined Prod Corp
VELVATEX: Gelatin, Edible—Swift & Co
VELVETINE: Aromatics, Synthetic—Dow Chem Co
VELVOSHEEN: Oils, Textile—Onyx Oil & Chem Co
VENTAIR: Blowers—Coppus Engrg Corp
VENTURI: Products—Builders-Providence
VENUS: Polishes—R M Hollingshead Corp
VERABORE: Alkaloids, Veratrum Viride—S B Penick & Co
VERDINAL: Perfume Bases—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div, Aromatics Section
VERIBEST: Aprons—M L Snyder & Son
VERI-TELL: Pyrometers—Taco West Corp
VEROL: Developing Agents, Photographic—Verona Chem Co
VERSATOR: Products—Cornwell Mach Co
VERSAVEYOR: Conveyors, Bag & Box—Belt Corp
VERSENATE: Products—Bersworth Chem Co
VERSENE: Sequestering Agents—Bersworth Chem Co
VERTEX: Soap Flakes, Neutral—Swift & Co
VERTIBAY: Coils—Vilter Mfg Co
VIANDAROME: Flavors, Meat Packers'—Fritzsche Bros
VIBRADAMP: Supports—Fisher Scientific Co
VIBREX: Screens, Vibrating—Hewitt-Robins
VIBRIN: Resins, Polyester—Naugatuck Chem Div
VIBRO PAD: Dippers, Rubber—B F Goodrich Co
VIBROX: Packers—B F Gump Co
VICOL: Glue, Bone Type, Fat Free—Swift & Co
VICTAWET: Wetting Agents—Victor Chem Works
VICTOR: Products—Atlas Valve Co
VICTORY: Break-Powders, Laundry—Legrand Chem Corp
VICTORY: Wheels—Hanson-Van Winkle-Munning Co
VIGILANT: Products—Boston Woven Hose & Rubber Co
VIKING: Lubricators—William Powell Co
VIKING: Products—Viking Pump Co
VILTER: Products—Vilter Mfg Co
VILTRITE: Castings—Vilter Mfg Co
VIM: Cements, Belt, Waterproof—E F Houghton & Co
VIM: Packings: Leather—E F Houghton & Co
VIM AIR: Products—Boston Woven Hose & Rubber Co
VIM TRED: Belting, Leather—E F Houghton & Co
VINAC: Products—Colton Chem Co
VINAROL: Finishes, Textile—General Dyestuff Corp
VINCEL: Cloth, Filter—National Filter Media Corp
VINCOTE: Coatings, Booth, Vinyl Paint Spray—Detrex Corp
VINOL: Products—Colton Chem Co
VINSOL: Resins—Hercules Powder Co
VINYLITE: Acetate & Chloride, Vinyl—Bakelite Co
VINYLTONE: Products—Claremont Pigment Dispersion Corp
VINYLUM: Dispersions, Metal Powder—Argus Chem Lab
VIOLAMINE: Dyes, Acid—General Dyestuff Corp
VIOLLYS: Ionone Products—Naugatuck Aromatics
VIRGO: Cleaners & Descalers, Metal—Hooker Electrochem Co
VISCARIN: Products—Algin Corp of America
VISCO: Glue, Bone—Swift & Co
VISCO: Talc—Southern California Minerals Co
VISCOMAT: Products—Triangle Package Machy Co
VISCORATOR: Viscosimeters—Fischer & Porter Co
VISEGRIP: Closures, Gaskets & Plugs, Steel Drums—Rieke Metal Prod
VISKOPLUS: Aluminum Naphthenate—Advance Solvents & Chem Corp
VI-SPAN: Products—Vitamins Inc
VISTAC: Polybutenes—Advance Solvents & Chem Corp
VISTANEX: Polybutenes—Enjay Co
VITALIC: Hose & Tubing—Continental Rubber Works
VITAMISER: Products—Omega Machine Co
VITAND: Products—E F Drew & Co
VITATONE: Hormones—Miller Products Co
VITINC: Products—Vitamins Inc
VITOZONE: Deodorants—Fuld Bros
VITREON: Pipe, Clay, Vitrified—Robinson Clay Product Co
VITROBOND: Pipe Joint Materials, Sewer—Atlas Mineral Prod Co
VITRON: Mats, Bonded—Glass Fibers
VITROPLAST: Cements, Acid Proof—Atlas Mineral Prod Co
VIX-SYN: Packings, Rubber, Synthetic—E F Houghton & Co
VIZABLEDG: Treads—Irving Subway Grating Co
V-METH-L: Products—Virginia Smelting Co
VOGT: Exchangers, Heat—Henry Vogt Mach Co
VOLAN: Methacrylato Chromic Chloride—E I du Pont de Nemours & Co, Grasselli Chem Dept
VOLCLAY: Bentonite—American Colloid Co
VOLCLAY: Bentonite—Whittaker, Clark & Daniels
VOLTBOX A-C: Supplies, Power—Superior Elec Co
VOLTEX: Carbon Black—United Carbon Co
VOL-U-METER: Meters, Volumetric—% Proportioneers Inc %
VOLUSTAT: Instruments, Testing—Fisher Scientific Co
VORIFLOW: Burners—Orr & Sembower
VORTEX: Products—Lawrence Pump & Engine Co
VORTI FLOC: Mixers—Infilco Inc
VORTI-MIX: Mixers—Infilco Inc
VOTATOR: Equipment, Processing—Girdler Corp

VUEPAK: Packaging Materials, Cellulose Acetate—Monsanto Chem Co, Plastics Div
VULCA: Starches—National Starch Products
VULCALOCK: Rubber Lined Products—B F Goodrich Co
VULCAN: Containers—Vulcan Stamping & Mfg Co
VULCAN: Carbon Black—Godfrey L Cabot
VULCAN: Dyes, Rubber—General Dyestuff Corp
VULCO DISC: Products—D T Williams Valve Co Div
VULCRUMB: Powder, Rubber—General Latex & Chem Corp
VULKLOR: Accelerator Activators for Rubber—Naugatuck Chem Div
VULTESOL: Plastisol—General Latex & Chem Corp
VULTEX: Latex, Prevulcanized—General Latex & Chem Corp
VULTRAMINE: Dispersing Agents, Rubber—General Dyestuff Corp
VYCOR: Glasses & Glassware—Corning Glass Works

W

W: Buffs—Hanson-Van Winkle-Munning Co
W & A: Rouge—Hanson-Van Winkle-Munning Co
W & AX: Rouge—Hanson-Van Winkle-Munning Co
W D C: Controls, Wood Dimension—Paisley Products
W-D CONCENTRATE: Soaps, Dry Cleaning—H Kohnstamm & Co
WM AINSWORTH: Balances & Weights—Wm Ainsworth & Sons
W & S: Products—Wurster & Sanger
WS: Valves—William Powell Co
WADE: Removers, Paint & Varnish—Huntington Labs
WAKEFIELD: Products—Lead Lined Iron Pipe Co
WALCO: Fittings—Walworth Co
WALLACE & TIERNAN: Equipment, Chlorinating Merchen-Feeders, Proportioning—Wallace & Tiernan Co
WALL-FIN: Units, Heating—Trane Co
WALRINE: Wheels—Hanson-Van Winkle-Munning Co
WALSEAL: Products—Walworth Co
WALWORTH: Valves, Fittings, Pipe Wrenches—Walworth Co
WARREN: Pumps—Warren Steam Pump Co Inc
WARREN-QUIMBY: Pumps—Warren Steam Pump Co Inc
WASHINE: Sodium Hypochlorite—Washine-National-Sands
WATCHUNG: Colors, Dry, Red—E I du Pont de Nemours & Co, Pigments Dept
WATERINK: Inks, Printing—Braden Sutphin Ink Co
WATERITE: Boiler Compounds—Feedwaters Inc
WATERPELLER: Waterproofing Materials—Euclid Chem Co
WATERWITE: Specialties, Glass—Semon Bache & Co
WAUKESHA: Pumps, Sanitary—Waukesha Foundry Co
WAX #22: Wax, Bees, Synthetic—International Wax Refining Corp
WAXS-1167: Waxes, Synthetic—Glyco Prod Co
WAXINE: Emulsions, Wax—American Cyanamid Co, Industrial Chem Div
S-WAY: Posts, Binding—Superior Elec Co
WAYTROL: Feeders, Constant Weight—Jeffrey Mfg Co
WEATHERALL: Waxes, Floor—Huntington Labs
WEATHEROMETER: Products—Atlas Elec Devices Co
WEATHERPROOF: Products—Adelphi Paint & Color Works
WEB-O-MATIC: Filters, Coolant, Web-Type—Honan-Crane Corp
WECOLINE: Products—E F Drew & Co
WEDCO: Compounds—Western Chem & Mfg Co
WEEDO: Weed Killers—Miller Products Co
WEEDOIL: Weed Killers—Miller Products Co
WEEDONE: Weed Killers—American Chem Paint Co
77 WEIGHTOGRAPH: Units for Beam Scales—Howe Scale Co
WEIGHTOMETER: Scales, Conveyor—Merrick Scale Mfg Co
WELD-BILT: Products—West Bend Equipment Corp
WELDCO: Products—Youngstown Welding & Engr Co
WELDEDGE: Binding, Metallic—Multi-Metal Wire Cloth Co
WELDMASTER: Products—Lewis-Shepard Products
WELSITE: Products—Twin City Shellac Co
WESTFALIA: Centrifuges—Merco Centrifugal Co
WESTONITE: Core Compounds—International Minerals & Chem Corp, Industrial Minerals Div
WESTWELL: Products—Leffingwell Chem Co
WES-X: Plating Processes—Hanson-Van Winkle-Munning Co
WETALENE: Wetting Agents—Miller Products Co
WETANOL: Wetting Agents—Glyco Prod Co
WETEASE: Penetrants, Textile—Siegel Chem Co
WETSIT: Wetting Agents, Synthetic—Jacques Wolf & Co
WETTITE: Crusher Segments—Jeffrey Mfg Co
WETZLAR: Products—E Leitz Inc
WHATMAN: Filter Papers—H Reeve Angel & Co
WHEELABRATOR: Equipment, Blast Cleaning—American Wheelabrator & Equipment Corp
WHEEL-EZY: Products—Rapids-Standard Co
WHEEL-IT: Trucks, Hand—E W Buschman Co
WHIRLCONE: Nozzles, Spray—Water Cooling Equipment Co
WHIRLJET: Nozzles, Spray—Spraying Systems Co
WHIRLWIND: Screw Capping Machines—Scientific Filter Co
WHITEKOTE: Lime-Hydrated, Quick—Moores Lime Co
WHITE RIBBON: Soap Flakes, Neutral—Swift & Co
WHITE STAR: Valves—William Powell Co
WHIZ: Products—R M Hollingshead Corp, Whiz Div
WHIZ-PACKER: Products—Frazier & Son
WIGGINS: Gasholders—General American Trans Corp
WILLIAMS CIN'TI OHIO: Products—D T Williams Valve Co Div
WILLSTICK: Mucilage—Scriptex Products Co
WINDOWAX: Products—Twin City Shellac Co
WINDOW WAX: Cleaners, Window—Uncle Sam Chem Co
WING: Products—L J Wing Mfg Co
WINGFOIL: Fans, Ventilating, Safety—L J Wing Mfg Co
WING REVOLVING: Heaters, Unit—L J Wing Mfg Co
WING-STAY: Chemicals, Rubber—Goodyear Tire & Rubber Co
WINTREX: Anti-Freeze—Thompson Chem Co
WISSCO: Products—Wickwire Div
WITALL: Driers, Tallate—Witco Chem Co
WITCARB: Calcium Carbonate, Precipitated—Witco Chem Co
WITCO: Products—Witco Chem Co
WITCOBLAK: Carbon Black—Witco Chem Co
WITCOGUM: Oils, Vegetable—Witco Chem Co
WITCOLAC: Carbon Black—Witco Chem Co
WITCOLITH: Carbon Black—Witco Chem Co
WITCOTE: Mastics, Asphaltic—Witco Chem Co
WITT: Cans, Doilies & Pails—Witt Cornice Co
WIZARD: Pilots, Valve—Fisher Governor Co
WOLFCO SOLVENT: Removers, Stain—Jacques Wolf & Co
WONDER: Waxes, Soaps, Polishes, Disinfectants, Cleaners, etc—Uncle Sam Chem Co
WOOD BOND: Glue, Resin, Polyvinyl—Polymer Chem Co
WOOD GLU: Glue, Wood Joint, Synthetic Resin—Paisley Products
WOOD-LOK: Adhesives—National Starch Products
WOOD-RIDGE MIXTURE: Fungicides, Turf—F W Berk & Co
WOOD-RIDGE MIXTURE 21: Fungicides, Turf—Berkshire Chem
WOOD-WELD: Glue, Waterproof—Lox Mfg Co
WOOL: Soap Flakes, Neutral—Swift & Co
WOOL O' THE WEST: Fabrics, Woolen—Portland Woolen Mills
WRAP-RAX: Insulators—Hanson-Van Winkle-Munning Co
WYANDOTTE BETTER BLEND SODA: Sodium Bicarbonate—Wyandotte Chem Corp
WYEX: Carbon Black—J M Huber Corp

X

X-43: Clays, Coating—J M Huber Corp
X-44: Clays, Coating—J M Huber Corp
X-CREPE: Paper, Stretch—Cincinnati Industries
X L: Fuller's Earth—L A Salomon & Bro
X-VAR: Chemicals, Electronic—Fidelity Chem Products Corp
XXG: Rouge—Hanson-Van-Winkle-Munning Co
XXSX: Rouge—Hanson-Van Winkle-Munning Co
XXX: Lye & Compositions—Hanson-Van Winkle-Munning Co
XXX-S: Rouge—Hanson-Van Winkle-Munning Co
XXXX: Compositions—Hanson-Van Winkle-Munning Co
XYNOMINE: Scourers—Onyx Oil & Chem Co
XYNOPERM: Finishes, Textile—Onyx Oil & Chem Co

Y

YAK: Products—Mercury Mfg Co
YANKEE REGLOSS: Polishes, Floor—Buckingham Wax Co
YARMOR: Oil, Pine—Hercules Powder Co
YEASTEX: Foods, Yeast—Schwarz Labs
YELLOTONE: Sulphur, Salt Block—Stauffer Chem Co
YEOMANS: Pumps—Yeomans Bros Co
YORK: Enamels, Paints—L Hemmerdinger & Co
YORKSHIRE: Whiting—Hammill & Gillespie

Z

Z: Flotation Agents—Dow Chem Co
ZA: Anodes, Zinc—Hanson-Van Winkle-Munning Co
ZBX: Accelerators for Rubber—Naugatuck Chem Div
ZAC: Refractories—Corhart Refractories Co
ZAKURA: Flavoring Compounds—Florasynth Labs
ZAMAK: Alloys, Die Casting—New Jersey Zinc Sales Co
ZAMBESI: Dyes, Direct—General Dyestuff Corp
ZAX: Anodes, Zinc—Hanson-Van Winkle-Munning Co
ZEEN: Cleaners, Hand (Powdered)—Zeen Chem Co
ZEE-N-O: Zinc Carbonate, Basic—W R E Andrews Sales
ZELAN: Repellents, Water—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
ZENITE: Accelerators, Rubber—E I du Pont de Nemours & Co, Organic Chem Dept, Rubber Chem Section
ZENITH: Presses, Dewatering—Jackson & Church Co
ZEO-DUR: Products—Permutit Co
ZEO-KARB: Products—Permutit Co
ZEOLEX: Pigments, Rubber—J M Huber Corp
ZEO-REX: Products—Permutit Co
ZEPHYROID: Oil, Soap—Du Bois Co
ZEPHYRWELD: Fittings, Pipe & Tube—Tri-Clover Mach Co
ZERBERK: Zinc Dimethyl Dithiocarbamate—F W Berk & Co
ZERBERK: Zinc Dimethyl Dithiocarbamate—Berkshire Chem
ZEREX: Anti-Freeze, Glycol—E I du Pont de Nemours & Co, Polychem Dept
ZERICE: Oil, Refrigerator—Esso Standard Oil Co
ZERLATE: Fungicides, Ziram—E I du Pont de Nemours & Co, Grasselli Chem Dept
ZER-O-DISC: Products—Vilter Mfg Co
ZEROK 101: Coatings, Acidproof—Atlas Mineral Prod Co
ZEROK 110: Coatings, Acidproof—Atlas Mineral Prod Co
ZEROK 125: Coatings, Acidproof—Atlas Mineral Prod Co
ZERO-MAX: Transmissions, Variable Speed—Revco Inc
ZERONE: Anti-Freeze, Alcohol—E I du Pont de Nemours & Co, Polychem Dept
ZEROPAK: Products—McQuay, Inc
ZESET: Resin Solutions—E I du Pont de Nemours & Co, Organic Chem Dept, Dyes & Chem Div
ZIALITE: Nickel Plating Solutions—Zialite Corp
ZIMCO: Vanillin—Salvo Chem Corp
ZINLAC: Shellac Sub—William Zinsser & Co
ZIN-O-LYTE: Addition Agents & Brighteners—E I du Pont de Nemours & Co, Electrochem Dept
ZINSPER: Soaps, Metallic—Witco Chem Co
ZIP-LIFT: Hoists—Harnischfeger Corp
ZIRCONITE: Products—Titanaum Alloy Mfg Div
ZIRCOPAX: Products—Titanium Alloy Mfg Div
ZIRCOTAN: Tanning Agents, Mineral—Rohm & Haas Co
ZOL: Fluid, Cleaning—Stauffer Chem Co
ZURN: Products—J A Zurn Mfg Co
ZYMEX: Desizing Agents—Wallerstein Co
ZYMOZON: Extractors, Solvent, Centrifugal—Podbielniak, Inc
ZYROTO: Inks, Rotogravure, Toluol—Gotham Ink & Color Co
ZYROX: Resins & Compounds, Chlorine-Containing—Bakelite Co

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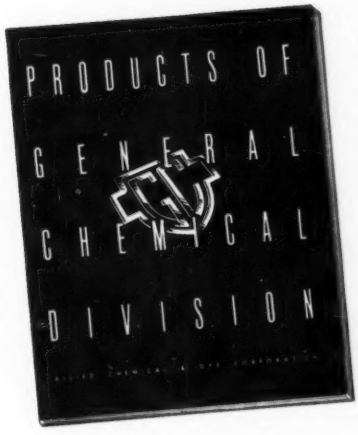
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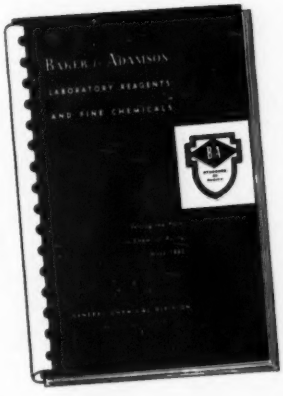


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